THE CHEMIST AND DRUGGIST

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FIG. 348. Eau de Quinine

FIG. 515. Salol Liquid Dentifrice

FIG. 601. Superfine Violet Powder

FIG 602 Salol Tooth Powder

FIG. 598. Talc Dusting Powder

FIG 503 Violet Scented Poudre de Riz

FIG. 359 Antiseptic Foot Powder

FIG. 602. Violet Tooth Powder

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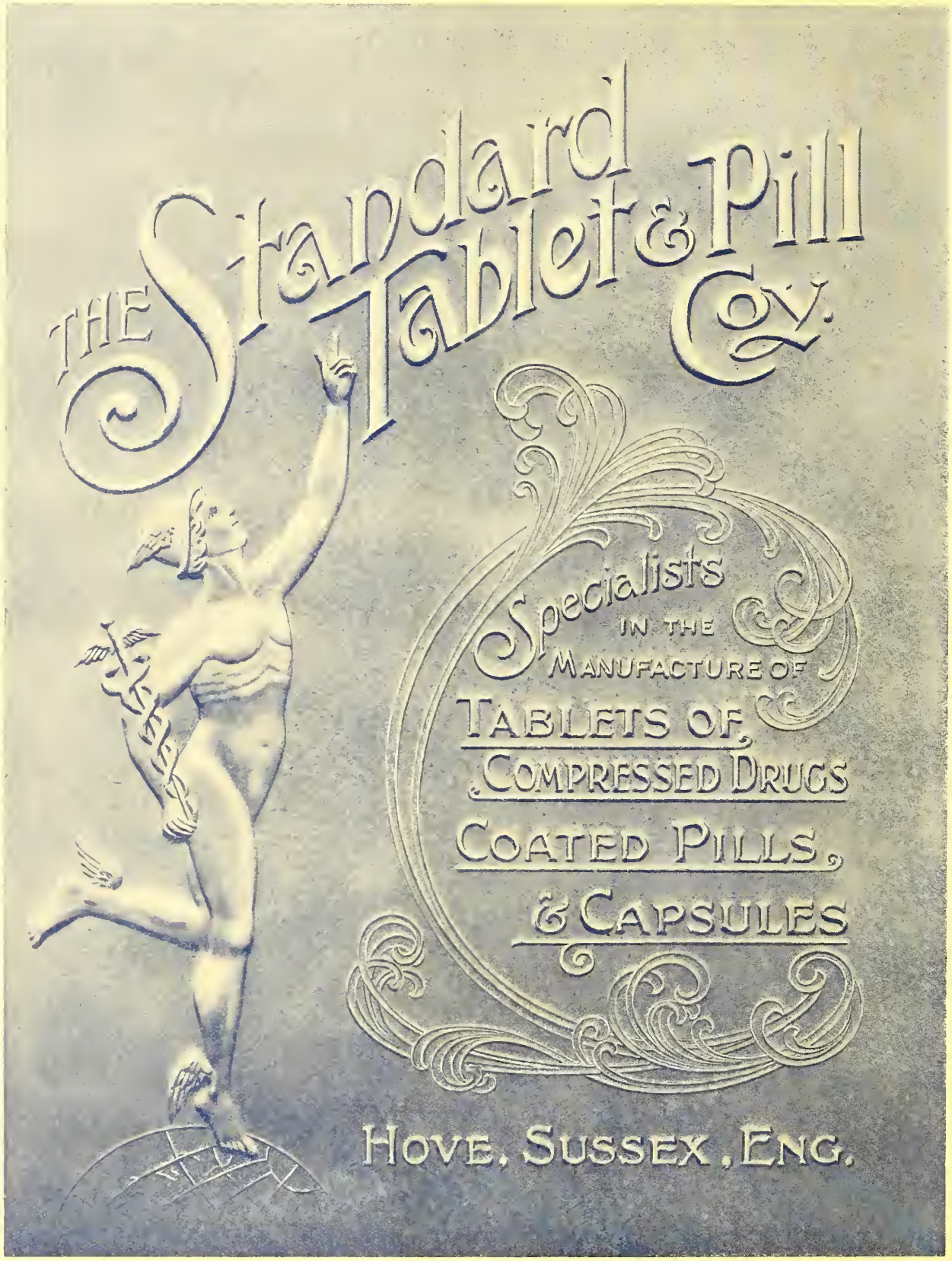
Index and Buyers' Guide, pp. 7, 8, 9, 10, and 11.



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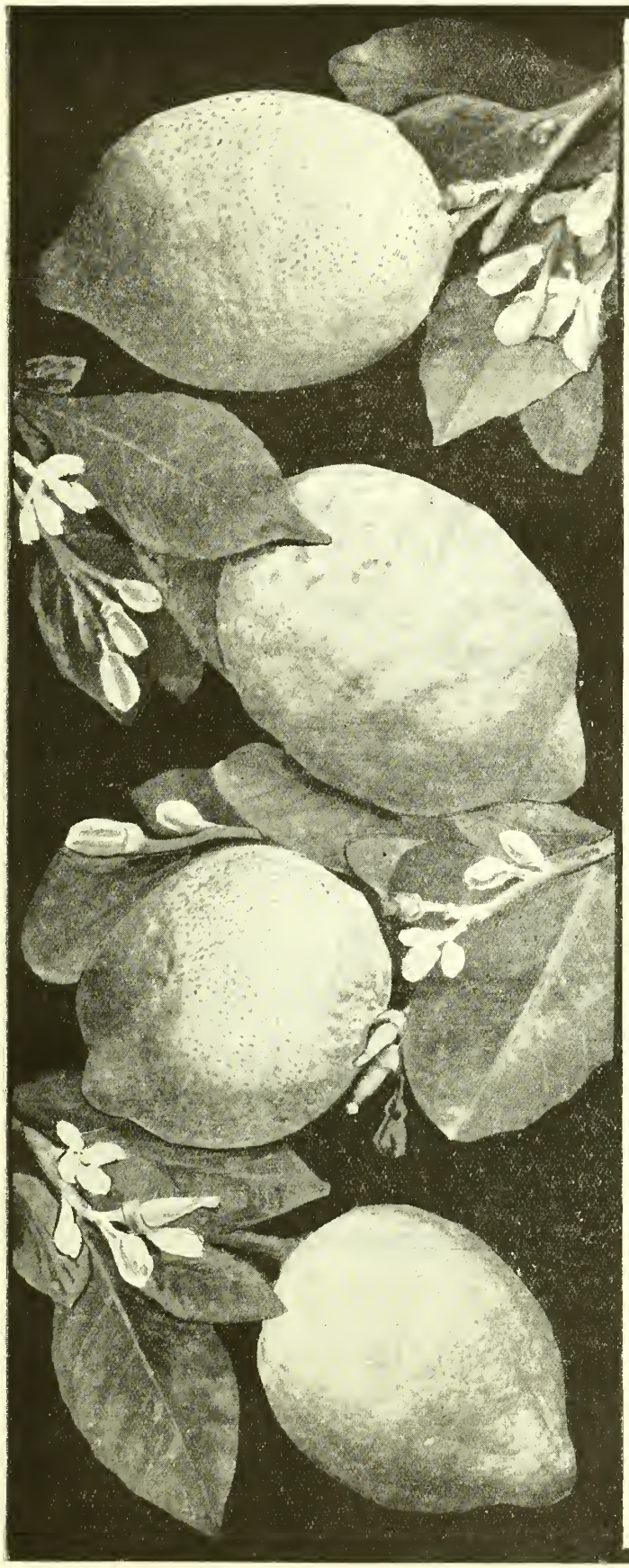

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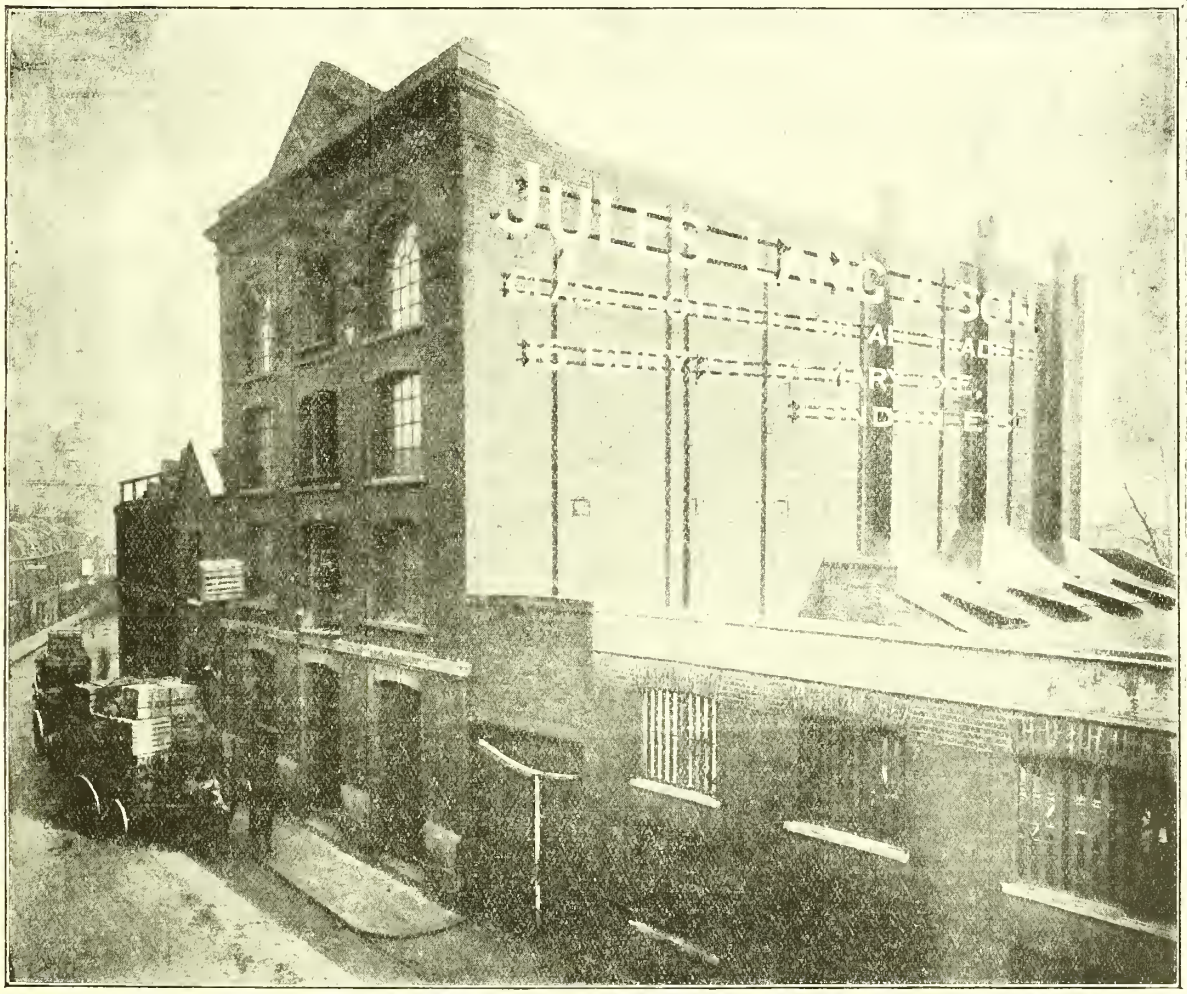

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THE BUYERS' GUIDE.

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ADVERTISING IDEAS
Advert. Publicity Co.
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Degen, F. A.
Slack, Bernard
Smith, W. H., & Son

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Raphaels, Ltd.

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British Automatic Aerators, Ltd.
Flugel & Co.
Roberts, Richard, & Sons
(*See also* SODA FOUNTAINS)

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Hay, William, Ltd.
Stevenson & Howell, Ltd.
Sthamer, Dr. Richard
(*See also* ESSENCES, SOL.)

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Sankyo & Co.
Smith, Stanistreet & Co.
Smith, W. J., & Co.

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With's Chemical Co.
Woolley, J., Sons & Co., Ltd.

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Boehringer, C. H., Sohn
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Morson, T., & Son
Smith, T. & H., Ltd.
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Scrubb & Co., Ltd.
White, A., & Sons

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Taylor, F. H., & Sons

ANÆSTHETICS
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Macfarlan, J. F., & Co.
Smith, T. & H., Ltd.
Zimmermann, C., & Co.
(*See also* CHLOROFORM)

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White, A., & Sons

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Burge, Warren & Ridgley, Ltd.

ARROWROOT
Harker, George, & Co., Ltd.

ARTIFICIAL LIMBS
Haywood, J. H.

BALLROOM FLOOR POLISH
Lofthouse & Saltmer
Woolleys, Ltd.

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Darton, F., & Co.

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Hovenden, R., & Sons, Ltd.
Schutze, F., & Co.
Solport Bros.

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Maw, S., Son & Sons
Schutze, F., & Co.

BINOCULARS
Darton, F., & Co.
Raphaels, Ltd.

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Howards & Sons, Ltd.
May & Baker, Ltd.
Merck, E.
Morson, T., & Son
Reitmeyer & Co.
Tyrer, T., & Co., Ltd.
White, A., & Sons

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Churchill, J. & A.
Ilford "Photo Manual."
Lewis, H. K.
Martindale's "Extra Phar."
"Prescriber, The"
Squire's "Companion"

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Newball & Mason
Potter & Clarke, Ltd.

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Beatson & Co.
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Chemists' Co-operative Wholesale
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Taylor, F. H., & Sons
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Oldfield, Pattinson & Co.

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Chemists' Co-operative Wholesale
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Viscose Co., Ltd.

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Fecher, M. J.
Viscose Co., Ltd. (self-fixing)

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Parke, Davis & Co.
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Woolley, J., Sons & Co

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Chemists' Co-operative Wholesale
Hoffmann-La Roche, Ltd.
(*See also* DISINFECTANTS)

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Harrison & Waide

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Gledhill, G. H., & Sons, Ltd.
O'Brien, T.

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Premier Oil Extract. Mills, Ltd.

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Sturge, John & E.

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Burroughs Wellcome & Co.
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Schimmel & Co.
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Burroughs Wellcome & Co.
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Davenport, J. T., Ltd.
Duncan, Flockhart & Co.
Evans Sons Lescher & Webb, Ltd.
Fletcher, Fletcher & Co.
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Hewlett, C. J., & Son
Horner & Sons
Kutnow, S., & Co., Ltd.
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Sankyo & Co.
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Southall Bros. & Barclay, Ltd.
Squire & Sons
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Stevenson & Howell, Ltd.
Thompson & Capper
Wand Mfg. Co.
Woolleys, Ltd.
(*See also* WHOLESALE)

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Wood, Vincent

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Sturge, John & E.

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Senier, A., & Co

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Hicks, J. J.
Maw, S., Son & Sons
Newbery, F., & Sons, Ltd.
Zeal, G. H.

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Oppenheimer, Son & Co., Ltd.
Van Houten & Zoon

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Alliance Drug & Chem. Co.
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British Drug Houses, Ltd.
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Devold, Peder
Evans Sons Lescher & Webb, Ltd.
Goodall, Backhouse & Co.
Jervell & Co., Ltd.
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Oldfield, Pattinson & Co.
Southall Bros. & Barclay, Ltd.
Woolley, Jas., Sons, & Co., Ltd.
Wright, Layman & Umney, Ltd.
Zimmermann, A. & M.
Zimmermann, C., & Co.

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Maw, S., Son & Sons
May, Roberts & Co.
Newbery, F., & Sons, Ltd.
Sangers'

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CREOSOTE
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Burt, Boulton & Haywood
Morson, T., & Son

CYANIDES
May & Baker, Ltd.

DAIRY ADJUNCTS
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Fullwood, R. J., & Bland
Tomlinson & Hayward, Ltd.

DEAFNESS AIDS
Hawksley, T.

DENTAL MECHANICS
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Fentiman, A. J., & Co.
Halder, E. C.
Wardale & Co.

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Beiersdorf, P., & Co.
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Blackie, R.
Burroughs Wellcome & Co.
Calvert, F. C., & Co.
Christy, T., & Co.
Cook, E., & Co., Ltd.
Eucryl, Ltd.
Jewsbury & Brown
Lambert Pharmacal Co.
McKesson & Robbins
Maw, S., Son & Sons
Newbery, F., & Sons, Ltd.
Odol Chemical Works
Sozodont (Richards)
Standard Tablet & Pill Co.
Woods, W., & Son
Woolley, J., Sons & Co., Ltd.

DIABETIC BREAD AND FOOD
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Van Abbott, G., & Sons

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Benger's Food, Ltd.
Fairchild Bros. & Foster
Parke, Davis & Co.
Squire & Sons
Zimmermann, C., & Co.

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Burt, Boulton & Haywood, Ltd.
Calvert, F. C., & Co.
Condy & Mitchell, Ltd
Dalmas, A. de St., & Co.
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Lambert Pharmacal Co.
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Roberts, Cornford & Co.
Sanitas Co., Ltd.
Tomlinson & Hayward, Ltd.
Willows, Francis B. & T.
Wright, Layman & Umney, Ltd.
Zimmermann, C., & Co.

DOG BISCUITS AND PREPS.
Spratt's Patent, Ltd.

DRUGGISTS' SUNDRIES
Ayrton, Saunders & Co., Ltd.
Barclay & Sons, Ltd.
Berliner, Arthur
Burge, Warren & Ridgley
Chemists' Co-operative Wholesale
Christy, T., & Co.
Cook, Alfred, & Co.
Edwards, W., & Son
Evans Sons Lescher & Webb
Fecher, M. J.
Hay, J. B., & Co.
Hewlett, C. J., & Sons
Hovenden, R., & Sons, Ltd.
Johnsen & Jorgensen, Ltd.
Lennon, Ltd.
Maw, S., Son & Sons
May, Roberts & Co.
Murdoch, John, & Co.
Newbery, F., & Sons, Ltd.
Poths, H., & Co.
Quelch, H. C., & Co.
Renter, R. J.
Sangers'
Schutze, F., & Co.
Solport Bros.
Southall Bros. & Barclay, Ltd.
Taylor, F. H., & Sons
Tidman & Son, Ltd.
Toogood, W., Ltd.
Viscose Co., Ltd.
Wood, Vincent
Woolley, J., Sons & Co.

DRUGS, CRUDE
Potter & Clarke, Ltd.
Ransom, W., & Son

DYES
Judson, D., & Son
Whitaker & Co.

EAR SHIELDS
Street Noise Abatement Association

EAU DE COLOGNE
Farina, J. M.
Farina, J. M. (No. 4)
Fickus, Courtenay & Co.
McCracken, J. & R.
Schutze, F., & Co.

EDUCATIONAL INSTITUTIONS
Bath and West of England College of Pharmacy
Birmingham and Midland College of Pharmacy
British Optical Institute
Charing Cross Hospital Medical College
Edinburgh Central School of Pharmacy
Glasgow School of Pharmacy
Leeds College of Pharmacy
Liverpool School of Pharmacy
London College of Pharmacy
Manchester College of Pharmacy
Muter's (So. Lond.) School of Pharmacy
North of England School of Pharmacy
Northern College of Pharmacy
Royal Dental Hospital of London
South of England College of Pharmacy
Westminster College of Pharmacy

ELECTRICAL MASSAGE INSTRUMENTS
Jones & Kleiser

EFFERVESCENT PREPS.
Allen & Hanburys, Ltd.
Bishop, Alfred, Ltd.
Blackie, R.
Bristol-Myers Co.
Cox, A. H., & Co., Ltd.
Evans Sons Lescher & Webb, Ltd.
Goodall, Backhouse & Co.
Guest, Thos., & Co.
Kntnow, S., & Co., Ltd.
Lloyd, T. Howard, & Co.
Lorimer & Co., Ltd.
Martindale, W.
Newball & Mason
Potter & Clarke
Standard Tablet & Pill Co.
Sturge, John & E.
Tidman & Son, Ltd.
Tyrer, T., & Co., Ltd.
Wright, Layman & Umney

ELASTIC HOSIERY
Ayrton, Saunders & Co., Ltd.
Berliner, Arthur
Haywood, J. H.
Jackson, Röhrs, & Co.
Maw, S., Son & Sons
Wood, Vincent

EMERY AND CLOTH
Oakey, J., & Sons, Ltd.

EMULSIONS, COD-LIVER OIL, ETC.
Allen & Hanburys, Ltd.
Ayrton, Saunders & Co.
Baiss Bros. & Stevenson, Ltd.
Blackie, R.
Boulton, J., & Co.
British Drug Houses, Ltd.
Evans Sons Lescher & Webb, Ltd.
Fanlding, F. H., & Co.
Harker, Stagg & Morgan, Ltd.
Lorimer & Co., Ltd.
Oldfield, Pattinson & Co.
Parke, Davis & Co.
Woolley, Jas, Sons, & Co.
Woolleys, Ltd.

ENEMAS
Bailey, W. H., & Son
Baird Bros.
Burge, Warren & Ridgley
Davol Rubber Co.
Hay, J. B., & Co.
Ingram, J. G., & Son
Maw, S., Son & Sons
Toogood, W., Ltd.
Warne, W., & Co., Ltd.

EPSOM SALTS
Howards & Sons, Ltd.

ESSENCES, CONCRETE
Lantier Fils
Murray, O., & Co., Ltd.
Mallmann, W.
Roure-Bertrand fils
Schmoller & Bompard

ESSENCES, SOL. AND FRUIT
Alliance Drug & Chem. Co.
Baiss Bros. & Stevenson, Ltd.
Barnett & Foster
Boake (A.), Roberts & Co., Ltd.
Bush, W. J., & Co., Ltd.
Cresp-Martineng
Evans Sons Lescher & Webb
Hay, Wm., Ltd.
Lantier Fils
London Essence Co.
Lorimer & Co., Ltd.
Newball & Mason
Roure-Bertrand fils
Spencer, J., Son & Co.
Stevenson & Howell, Ltd.
Zimmermann, A. & M.

ETHERS
Baiss Bros. & Stevenson, Ltd.
Macfarlan, J. F., & Co.
May & Baker, Ltd.
Tyrer, T., & Co., Ltd.
White, A., & Sons

EUCALYPTUS OIL
British Drug Houses, Ltd.
Baiss Bros. & Stevenson, Ltd.

EXTRACT OF HERBS
Newball & Mason
Potter & Clarke

EXTRACTS (MEDICINAL)
Allen, Stafford, & Sons, Ltd.
Chemists' Co-operative Wholesale
Hewlett, C. J., & Son
Parke, Davis & Co.
Ransom, W., & Son
(*See also* WHOLESALE DRUGGISTS)

FERTILIZERS
With's Chemical Manure Co.

FILLING MACHINES
Roberts' Pat. Fill. Machine Co.

FILTERS (WATER)
Berkefeld Filter Co., Ltd.

FEEDING BOTTLES
Brefft, E., & Co., Ltd.
Fecher, M. J.
Hovenden, R., & Sons, Ltd.
Kilner Bros., Ltd.
Maw, S., Son & Sons
Sangers'
Savory & Moore, Ltd.
Southall Bros. & Barclay, Ltd.
Taylor, F. H., & Sons

FLYCATCHERS
Alabastine Co. (British), Ltd.
Frowein, C.
Kay Bros., Ltd.
Lange's, H., Successors
Smith, J. H., & Co.
Strong, Christy

FOODS, INFANTS'
Allen & Hanburys, Ltd.
Benger's Food, Ltd.
Frame Food Co., Ltd.
Lofthouse & Saltmer
Natural Food Co., Ltd.
Willows, Francis B. & T.

FOODS, SPECIAL
Allen & Hanburys, Ltd.
Bendle, Ltd.
Benger's Food, Ltd.
Brand & Co., Ltd.
Callard & Co.
Fairchild Bros & Foster
Frame Food Co., Ltd.
Meuley & James, Ltd.
Miol Manufacturing Co.
Natural Food Co., Ltd.
Wander, A.

FORMALDEHYDE
Burt, Boulton & Haywood

FULLER'S EARTH
Mumford, G. S., & Sons

FUMIGATORS
Sanitas Co., Ltd.

GELATIN AND GLUE
Boehm, F., Ltd.

GLAUBER'S SALT
Bramwell, E., & Son
Howards & Sons, Ltd.

GLYCERIN
Boehm, F., Ltd.
Price's Patent Candle Co.

GOLD PAINT
Judson, D., & Son

GRINDERS
Allen, Stafford, & Sons, Ltd.
Goodall, Backhouse & Co.
Willows, Francis B. & T.

HAIR PREPARATIONS
Capsuloid Co., Ltd.
Chesebrough Manfg. Co.
Dralle, Georg.
Edwards' "Harlene" Co.
Harker, Stagg & Morgan
John Bull Hair Food
John Strange Winter
"Nyto" Co.
Robare's Aureoline
Rowland, A., & Sons
Woolleys, Ltd.

HAT DYES
Whitaker & Co.

HAT RENOVATORS
Christy, T., & Co.

HERBS
Potter & Clarke

HOMŒOPATHIC MEDICINES
Ashton & Parsons, Ltd.
Keene & Ashwell, Ltd.
Leath & Ross

HOT-WATER BOTTLES
Berliner, Arthur
Burge, Warren & Ridgley
Hutchinson Co.
Maw, S., Son & Sons
May, Roberts & Co.
Southall Bros. & Barclay
Wood, Vincent

HOTELS
Esmond Hotel
Kingsley Hotel
Thackeray Hotel

HYDROGEN PEROXIDE
May & Baker, Ltd.
Sanitas Co., Ltd.
Tyrer, T., & Co., Ltd.

HYPOPHOSPHITES
May & Baker, Ltd.
Merck, E.
Tyrer, T., & Co., Ltd.

INHALERS
Christy, T., & Co.
Fecher, M. J.
Sangers'

INK
Bewley & Draper, Ltd.
Hickisson, A. B.
Hooper, W., & Co.

INSECT POWDER
Boehm, F., Ltd.
Smith, B. A., & Co.

INSECTICIDES
Smith, B. A., & Co.
Tomlinson & Hayward, Ltd.
Woolleys, Ltd.

IODINE AND IODIDES
Howards & Sons, Ltd.
Merck, E.
Morson, T., & Son

ITROSYL
Fletcher, Fletcher & Co.

JARS AND POTS
Brefft, E., & Co., Ltd.
Cook, A., & Co.
Johnsen & Jorgensen, Ltd.
Kilner Bros., Ltd.
Lang, Jules, & Son
Maw, S., Son & Sons
Poths, H., & Co.
Reuter, R. J.
Stipendum Stopper Co.
Taylor, F. H., & Sons
Toogood, W., Ltd.

LACTIC FERMENTS
Allen & Hanburys, Ltd.
Cox, Arthur H., & Co., Ltd.
Martindale, W.
Parke Davis & Co.
Wilcox, Jozeau & Co.

LAMPS, DISINFECTING
Roberts, Cornford & Co.

LANOLINE
Burroughs Wellcome & Co.
Christy, T., & Co.
Sangers'

LANTERNS
Butcher, W., & Sons

LARD
Chemists' Co-operative Wholesale
Ewen, J., & Sons

LIME JUICE AND CORDIAL
Evans Sons Lescher & Webb
Goodall, Backhouse & Co.
Idris & Co., Ltd.

LINSEED, CRUSHED, ETC.
Allen, Stafford, & Sons
Mumford, G. S., & Sons

LINTS
Vernon & Co., Ltd.

LIQUORICE JUICE
Boehm, F., Ltd.
British Drug Houses, Ltd.
Evans, Gray & Hood
Evans Sons Lescher & Webb, Ltd.
Horner & Sons
Jackson, E. E.
Mumford, G. S., & Sons

LIQUORS, CONC., ETC.
Allen, Stafford, & Sons, Ltd.
Fletcher & Fletcher & Co.
Hewlett, C. J., & Son
Robinson, B., & Co.

LITHIA SALTS
British Drug Houses, Ltd.
May & Baker, Ltd.
Merck, E.

LOOFAHS
Cresswell Bros. & Schmitz

LOZENGES
Allen & Hanburys, Ltd.
Cox, A. H., & Co., Ltd.
Denoual, J., & Co.
Guest, Thos., & Co.
Jackson, E. E.
Potter & Clarke
Raimes & Co.
Warrick Bros.

MACHINERY, PHARMACAL
Allen & Hanburys, Ltd.
Bennett, E., & Son, Ltd.
Bennett, Sons & Shears, Ltd.
Brown & Son
Fecher, M. J.
Gardner, Wm, & Sons, Ltd.
"Hercules" Meat Juice Press
Pindar, J. W., & Co.
Roberts' Patent Filling Machine Co.
Smith, B. A., & Co.
Stokes, F. J., Machine Co.
Thompson & Capper (Stokes)
Wilkinson, S. W., & Co.

MAGNESIA AND ITS SALTS
Henry, T. & W.
Howards & Sons, Ltd.
May & Baker, Ltd.
Washington Chemical Co

MALT EXTRACT AND PREPS.
Allen & Hanburys, Ltd.
Baiss Bros. & Stevenson, Ltd.
Blackie, R.
British Dia Malt Co.
Burroughs Wellcome & Co.
Evans Sons Lescher & Webb
Hewlett, C. J., & Son
Lorimer & Co., Ltd.
Oppenheimer, Son & Co., Ltd.
Paine & Co., Ltd.
Southall Bros. & Barclay, Ltd.
Squire & Sons
Woolley, Jas., Sons & Co., Ltd.
Wright, Layman & Umney

MARKING INK
Hickisson, A. (Bond's)
Hooper, W., & Co.

MEASURES
Taylor, F. H., & Sons

MEAT EXTRACT
Armour & Co., Ltd.
Brand & Co., Ltd.

MEDICINE CHESTS
Burroughs Wellcome & Co.
Keene & Ashwell, Ltd.
Leath & Ross
Lloyd, T. Howard, & Co.
Parke, Davis & Co.

MENTHOL CONES
Maw, S., Son & Sons
Shirley Bros., Ltd

MERCURIALS
Howards & Sons, Ltd.
May & Baker, Ltd.
Merck, E.
Tyrer, T., & Co., Ltd.

METEOROLOGICAL SETS
Darton, F. & Co.

METHYLATED SPIRIT
Burrough, J., Ltd.
Preston's Liverpool Distillery
Randall & Son, Ltd.

MILK APPARATUS
Hawksley, T.
Zimmermann, C., & Co.

MILK BYPRODUCTS
Casein, Ltd.

MINERAL WATERS AND SALTS
Apollinaris Co., Ltd.
British Drug Houses, Ltd.
Burrow, W. & J. (Malvern)
Hughes E. Griffiths
Ingram & Royle, Ltd.
Vichy (State Springs)

NAPHTHAS
Burt, Boulton & Haywood

NOISE EXCLUDERS
Street Noise Abatement Association

OILS, ESSENTIAL
Allen, Stafford, & Sons, Ltd.
Alliance Drug & Chem. Co.
Baiss Bros. & Stevenson
Boake (A.), Roberts, & Co., Ltd.
Bush, W. J., & Co., Ltd.
Chiris, Antoine
Cresp-Martineng
Evans Sons Lescher & Webb, Ltd.
Horner & Sons
Jakson, J., & Co.
Lautier Fils
London Essence Co.
Matthew, Jesse
Mühlethaler, Th., Ltd.
Pasquale, S. F. de, & Fratelli
Ransom, W., & Son
Roure-Bertrand fils
Schimmel & Co.
Schmoller & Bompard
Spencer, J., Son & Co.
Spurway et Cie.
Stevenson & Howell, Ltd.
Todd, A. M., Co.
Wright, Layman & Umney
Zimmermann, A. & M.

OILS, FATTY, ETC.
Allen, Stafford & Sons, Ltd.
Cresp-Martineng
Price's Patent Candle Co.
Smith, B. A., & Co.

OILS, MINERAL
Price's Patent Candle Co.
Wright, Layman & Umney

OINTMENTS
Blackie, R.
Chemists' Co-operative Wholesale
Oldfield, Pattinson & Co.

OPTICAL GOODS
Botwright & Grey
Darton, F., & Co.
Maw, S., Son & Sons
Newbery, F., & Sons, Ltd.
Nitsche & Günther
Raphael's, Ltd.

OPTICAL INSTRUCTION
British Optical Institute

PACKED GOODS
(*See* Wholesale)

PALATINOIDS
Oppenheimer, Sons & Co.

PASTILLES
Allen & Hanburys, Ltd.
Asche, C. F., & Co.
Baiss Bros. & Stevenson
Burroughs Wellcome & Co.
Denoual, J., & Co.
Evans Sons Lescher & Webb
Warrick Bros.

PATENT AGENT
Barker, R. W.

PERFUME MATERIALS
Bush, W. J., & Co., Ltd.
Chiris, Antoine
Compagnie Morana
Cresp-Martinenq
Halifior Co.
Lautier Fils
Mallmann, W.
Muhlethaler, Th., Ltd.
Murray, O., & Co., Ltd.
Schimmel & Co.
Shipkoff & Co.
Spencer, J., Son & Co.
Spurway et Cie.
Treatt, R. C., & Co.
Zimmermann, C., & Co.

PERFUMES
Allen & Hanburys, Ltd.
Barclay & Sons, Ltd.
Breidenbach & Co.
Bronnley, H., & Co., Ltd.
Bush, W. J., & Co., Ltd.
Christy, T., & Co.
Chuit, Naef & Co.
Cresp-Martinenq
Dralle, Georg.
Erasmic Co., Ltd.
Evans Sons Lescher & Webb, Ltd.
Grossmith, J., Son, & Co.
Halifior Co.
Hewlett, C. J., & Son
Hovenden, R., & Sons, Ltd.
Lescol Perfumery Co.
McCracken, J. & R.
Maw, S., Son & Sons
Newbery, F., & Sons, Ltd.
Piver, L. T.
Quelch, H. C., & Co.
Reuter, R. J.
Southall Bros. & Barclay
Spencer, J., Son & Co.
Spurway et Cie.
To-Kalon Mfg. Co.
Warrick Bros.
West, T.
Zenobia Laboratories

PESSARIES
Burge, Warren & Ridgley
Rendell, W. J

PETROLEUM EMULSION
British Drug Houses, Ltd.

PETROLEUM JELLY
Chesebrough Mfg. Co.

PHOTO. CHEMICALS
Boehringer, C. F., & Soehne
Burroughs Wellcome & Co.
Lockyer, J. E.
Merck, E.

PHOTO. GOODS
Barclay & Sons, Ltd.
Butcher, W., & Son, Ltd.
Darton, F., & Co.
Evans Sons Lescher & Webb
Halifax Photographic Co.
Ilford, Ltd.
Lennon, Ltd.
May, Roberts & Co.
Murdoch, John, & Co.
Newbery, F., & Sons, Ltd.

PHOTO. ENLARGERS, PRINTERS, &c.
Express Developing Co.
Halifax Photographic Co.

PLASTERS
Allcock Mnfg. Co.
Berliner, Arthur
Beiersdorf, P., & Co.
Dalmas, A. de St., & Co.
Leslies, Ltd.
Maw, S., Son & Sons
Solport Bros.

PILL MAKERS
Allen & Hanburys, Ltd.
Asche, C. F., & Co.
Bishop, Alfred, Ltd.
British Drug Houses, Ltd.
Cox, A. H., & Co., Ltd
Davies, Sons & Co.
Evans Sans Lescber & Webb, Ltd.
Hewlett, C. J., & Son
Howards & Sons, Ltd.
Lloyd, T. Howard, & Co.
McKesson & Robbins
Parke, Davis & Co.
Pill, Tablet, & Capsule Alliance
Southall Bros. & Barclay
Standard Tablet & Pill Co.
Wand Mfg. Co.
Warner, W. R., & Co.
Woolley, J., Sons & Co., Ltd.

POLISHES (VARIOUS)
Bradley & Bourdas
Judson, Daniel, & Son
Oakey, J., & Son, Ltd.

PRINTERS
Ford, Shapland & Co.
Harrison & Waide
London & County Printing Works
Smith, W. H., & Son
Townsend, J., & Sons

PROPRIETARY ARTICLES
Anglo-American Drug Co.
Anglo-American Phar. Co., Ltd.
Ashton & Parsons, Ltd.
Atkinson & Barker
Barclay & Sons, Ltd.
Beecham, T.
Beiersdorf, P., & Co.
Bile Bean Mfg. Co.
Box, W. H.
British Drug Houses, Ltd.
Capsuloid Co., Ltd.
Cardinal Mnfg. Co., Ltd.
Chameleon Oil Co.
Christy, T., & Co.
Coleman & Co., Ltd.
Congreve, G. T.
Cox, A. H., & Co., Ltd.
Curry, Henry
Daggett & Ramsdell
Daisy, Ltd.
Davenport, J. T., Ltd.
Day & Sons (Crewe), Ltd.
Day, Son & Hewitt
Denonal, J., & Co.
Edwards, W., & Son
Elliman, Sons & Co.
Evans Sons Lescber & Webb
Faulding, F. H., & Co.
Fellows' Syrup
Fennings, Alfred
Ferris & Co
Fulford, C. E., Ltd.
Dalloff Tea Co.
Goodall, Backhouse & Co.
Grapelax, Ltd.
Greeff, R. W., & Co.
Guy's Tonic Co.
Heala Manufacturing Co.
Henry, T. & W.
Hovenden, R., & Sons, Ltd.
Hughes, E. Griffiths
Ichthyol Co.
Iron-Ox Rem. Co., Ltd.
Kaufmann, Dr
Kay Bros., Ltd.
Knight & Co.
Kutnow, S., & Co., Ltd.
Lalor's, Dr., Phosphodyne
Lambert Pharmacal Co.
Lofthouse & Saltmer
Lorimer & Co., Ltd.
Mandall & Co., Ltd.
May Roberts & Co.
Menley & James, Ltd.
Miol Manufacturing Co.
Newbery, F., & Sons, Ltd.
Odol Chemical Works
Owbridge, W. T., Ltd.
Resinol Chemical Co.
Richards, J. M., & Sons
Rubwel Co.
Sangers'
Savaresse's Capsules (Evans)
Schimmel & Co.
Squire & Sons
Standard Tablet & Pill Co.
Stedman's Teething Powders
Thompson & Capper
To-Kalon Mfg. Co.
Tunbridge & Wright
Wilcox, Jozeau & Co.
Wood's Peppermint Cure
Zotos, Ltd.
(*See also* Dentifrices and Toilet Articles)

PULVELLÆ
Warrick Bros.

PULVERETTES
Oppenheimer, Son & Co., Ltd.

PUMPS
Berkefeld Filter Co., Ltd.

QUININE AND SALTS
Boehringer, C. F., & Soehne
Howards & Sons, Ltd

RAZORS
Anto-Strop Safety Razor Co.

RENNET
Fullwood, R. J., & Bland
Oldfield, Pattinson & Co.

RESINS AND RESINOIDS
Allen, S., & Sons, Ltd.
Allen & Hanburys, Ltd.
Morson, T., & Son
Ransom, W., & Son
Smith, T. & H., Ltd.

RESPIRATORS
Zimmer & Co.

RUBBER GOODS
Baird Bros.
Burge, Warren & Ridgley, Ltd.
Davol Rubber Co.
Evans Sons Lescher & Webb, Ltd.
Fecber, M. J.
Galen Mfg. Co.
Haywood, J. H.
Hovenden, R., & Sons, Ltd.
Hutchinson Co.
Ingram, J. G., & Son
Maw, S., Son & Sons
May, Roberts & Co.
Warne, W., & Co., Ltd.

SACCHARIN
Saccharin Corporation, Ltd.

SALICIN
Macfarlan, J. F., & Co.
Smith, T. & H., Ltd.

SALICYLATES
Bayer Co., Ltd.

SAMPLE CASES
Keane, Thomas

SANTONIN
Smith, B. A., & Co.

SAPONIN
Field, C. W.
Sthamer, Dr. R.

SAUCES
Goodall, Backhouse & Co.

SCALE PREPARATIONS
Morson, T., & Son

SCRUBBERS
Lange's, H., Successors

SEA SALT
Tidman & Son, Ltd.

SEA SICKNESS REMEDY
Zotos, Ltd.

SELTZOGENES
Aerators, Ltd.

SERUMS AND ANTITOXINS
Allen & Hanburys, Ltd.
Evans Sons Lescher & Webb
Parke, Davis & Co.
Schimmel & Co.
Wilcox, Jozeau & Co.

SHEEP-DIPS
Burt, Boulton & Haywood
Morris Little & Son, Ltd.
Sanitas Co., Ltd.
Tomlinson & Hayward, Ltd.

SHOP-FITTING
Ayrton-Graham, Ltd.
Bowling & Son
Cleworth, J.
Evans Sons Lescher & Webb, Ltd.
Josephs, P., & Son
Maw, S., Son & Sons
Mills, H.
Rudduck & Co.
Sangers'
Southall Bros. & Barclay, Ltd.

SOAP MATERIALS
Chiris, Antoine

SOAPS
Allen & Hanburys, Ltd.
Armour & Co., Ltd.
Breidenbach & Co.
Bronnley, H., & Co., Ltd.
Chesebrough Mfg. Co.
Cook, E., & Co., Ltd.
Erasmic Co., Ltd.
Hull Oil Mfg. Co., Ltd.
Lescol Perfumery Co.
Oakey, J., & Son, Ltd.
Pears, A. & F., Ltd.
Price's Patent Candle Co.
Richards, J. M., & Sons
Wright, Layman & Umney

SOAPS, MEDICATED
Armour & Co., Ltd.
Bronnley, H., & Co., Ltd.
Calvert, F. C., & Co.
Faulding, F. H., & Co.
Lambert Pharm. Co.
Wright, Layman & Umney

SODA FOUNTAINS
British Automatic Aerators, Ltd.

SODIUM BICARBONATE
Brunner, Mond & Co., Ltd.
Howards & Sons, Ltd.
Mumford, G. S.

SOOTHERS
Schutze, F., & Co.

SPARKLETS
Aerators, Ltd.

SPECTACLES
Botwright & Grey
Darton, F., & Co.
Maw, S., Son & Sons
Nitsche & Güntber
Raphael's, Ltd.

SPHYGMOMETERS
Hicks, J. J.

SPIRIT OF WINE
Burrough, J., Ltd.
Preston's Liverpool Distillery

SPITTING-FLASKS
Maw, S., Son & Sons

SPONGE BAGS
Maw, S., Son & Sons
Schutze, F., & Co.
Toogood, W., Ltd.

SPONGES
Cresswell Bros. & Schmits
Interntl. Sponge Importers
Kent, G. B., & Sons, Ltd.
Maw, S., Son & Sons
Sangers'

SPONGIO-PILNE
Whitehead, R. R., & Bros.

SPRAYS
Burge, Warren & Ridgley, Ltd.
Cook, Alfred, & Co.
Davol Rubber Co.
Hovenden, R., & Sons, Ltd.
Maw, S., Son & Sons
May, Roberts & Co.
Newbery, F., & Sons, Ltd.
Parke, Davis & Co.
Sangers'

STARCH
Mumford, G. S., & Sons

STOPPERS
Fletcher, Fletcher & Co.
Stipendum Stopper Co.

STOVES (HEATING)
Clark, S., & Co.

SUPPOSITORIES
Cox, Arthur H., & Co.

SURGICAL APPLIANCES
Allen & Hanburys, Ltd.
Bailey, W. H., & Son
Burroughs Wellcome & Co.
Jones & Kleiser
Maw, S., Son & Sons
Offord Hygienic Truss Co.
Wood, Vincent
Warne, W., & Co., Ltd.

SURGICAL DRESSINGS
Baird Bros.
Beiersdorf, P., & Co.
Berliner, Artbur
Burroughs Wellcome & Co.
Dalmas, A. de St., & Co.
Galen Mfg. Co., Ltd.
Gimber, W., & Son
Haynes, G., & Co.
Jackson, Röhrs, & Co.
Leslies, Ltd.
Liverpool Lint Co.
Macfarlan, J. F., & Co.
Martindale, W.
Maw, S., Son & Sons
Newsome, C.
Robinson & Sons, Ltd.
Southall Bros. & Barclay
Vernon & Co., Ltd.
Wood, Vincent
Woolley, J., Sons & Co., Ltd.
Wright Turner & Son, Ltd.

SWIMMING FLOATS
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Ayrton, Saunders & Co.
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British Drug Houses, Ltd.
Cox, A. H., & Co., Ltd.
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Duncan, Flockhart & Co.
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Lloyd, T. Howard, & Co.
Martindale, W.
McKesson & Robbins
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Pill, Tablet, & Capsule Alliance
Potter & Clarke
Standard Tablet & Pill Co.
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TABLOID PRODUCTS
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Velvix Toilet Co.
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Ford, Shapland & Co.
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TOOTH STOPPING
Stevens, P. A.

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Haywood, J. H.
Offord Hygienic Truss Co.
Wood, Vincent
Woolley, J., Sons & Co., Ltd.

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Sangers'

TUBES COLLAPSIBLE
Brooks, Peel & Co.

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Baker, P. C.
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Brett & Co.
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SPECIAL FLUID
DISINFECTANT

The Special "Ialine" Fluid has been submitted to H.M. OFFICE OF WORKS, and APPROVED AS A SATISFACTORY DISINFECTANT, after being tested by the special method included in the Official scheme of examination.

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Approved for Sheep Scab by the BOARD OF AGRICULTURE AND FISHERIES, and DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND, in the proportion of One Gallon of Dip to Seventy Gallons of Water.

WEED KILLER. SULPHUR CANDLES. LIQUID SANITARY SOAP. NAPHTHALINE, in Various Forms. FORMALDEHYDE SOLUTION 40%, and TABLETS. PINE SANITARY FLUIDS, POWDERS, SOLUBLE BLOCKS, &c., &c., &c.

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The Cleanest & Most Effective.

Specially suitable for Export.

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Very Effective, Clean, and Easily opened.

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CHEMICAL FLY PAPERS.

Guaranteed to be thoroughly effectual. Printed with own Name and Address, and advertisements on the four sides.

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ILLUSTRATED COUNTER BILLS. CABINET PAPER.
FOLDING CARDBOARD BOXES. TOILET ROLLS.
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Labels (of every description), **Price Lists, Pamphlets, Circulars, Billheads, Cards, Memorandums, Prescription Envelopes,** and all kinds of PRINTING and Stationery required by Chemists, at most moderate Prices.

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FOR MAKING

Health Milk with Lactic Tablets

Without trouble and loss of time, without the use of a machine.

WILL BE ON SHOW AT THE

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Stands 40, 41 & 42.

Note Our Process.

"Swallow the Tablet with a little sweetened Milk."

THAT IS ALL.

WE GUARANTEE THAT OUR LACTIC TABLETS CONTAIN VIGOROUS STRAINS of the *Bacillus Acidi Lactici*, and, taken in the manner suggested, they have proved beneficial in cases of Diarrhœa, Dysentery, Acidity, Indigestion, and all Stomachic troubles.

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The only syphon which fully ensures avoidance of the contents coming into contact with metal.

As supplied by Royal Warrant of Appointment to H.M. THE KING.

Idris Soda Water

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Will be found much superior to Soda Water drawn from any other syphon, being much sharper, owing to the absence of valvular obstruction in Chinaways. The water possesses the brilliancy and sparkle characteristic of IDRIS.

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and shall be glad to see you at our

Stall No. 53.

IDRIS & CO., Ltd., CAMDEN TOWN, : LONDON, N.W. .

Branches—Liverpool, Southampton, Canterbury & Teddington.

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BENDLE'S MEAT PORT

"NUTROVIN."

Made from the Finest ALTO-DOURO PORT, and containing PURE MEAT NOURISHMENT (pre-digested), NOT EXTRACTIVES, EQUIVALENT TO 7% OF FRESH LEAN BEEF.

It is practically FREE from TANNIN and ACIDITY.

AN INVALUABLE RESTORATIVE.

PARTICULARLY IN CASES OF DEFECTIVE NUTRITION FOLLOWING RECOVERY FROM DEBILITATING ILLNESS.

Price 2/9 & 4/6. Extra Nutrient, 14% 10/6.

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SYPHON FILLER

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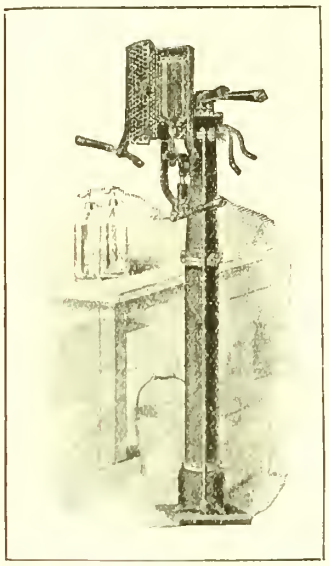

Genuinely automatic.
Far simpler than any other Filler.
Made to last a lifetime
No power or pumping or labour.
Best aeration known.
Soda Water always on tap for one Syphon or 1,000 Syphons.
Fills Syphons at 3d. a dozen or better.
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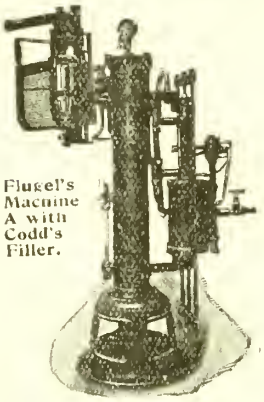

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STANDS Nos. 109, 110 and 111.

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A **SIGN** THAT SHOULD

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ALL TRAVELLERS CALL ON PHARMACISTS BEFORE STARTING ON A JOURNEY

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ABSOLUTELY PREVENTS

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CORPULENCY CURE

DALLOFF TEA

SOLD IN PACKETS 4/6 & 8/6
BY ALL HIGH-CLASS CHEMISTS & STORES.

Recommended by the leading Physicians of England, France, Germany, Austria, America, &c.

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FRAME FOOD

PREPARATIONS

are, since 1st May, 1909, on the P.A.T.A. LIST.

PRICES LOWER in MAIN LINES. "FAMILY" TINS.

VISIT our STAND No. 3 (on wall opposite entrance) at CHEMISTS' EXHIBITION, 10th–14th May, 1909, or write for new Price List. Advertising Matter free.

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A. WANDER, Ph.D., *Manufacturing Chemist,*
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ESTAB. 1871 CONTRACTORS TO WAR OFFICE, ETC.

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We are the ONLY CORK FIRM that makes a speciality of
RETAIL CHEMISTS' CORKS.

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Write for Samples & Prices.
N.W. MITCHELL & SONS, LTD
CORK MANUFACTURERS & IMPORTERS,
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A new insect bite preventive and cure.
Retails 7½d. Wholesale 48/- per gross.

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FOR HUMAN AND VETERINARY USE.

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CHEMISTS' EXHIBITION

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Chemists' Exhibition

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We are exhibiting and shall be pleased to see you at our

STAND No. 47

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52 Leadenhall St.
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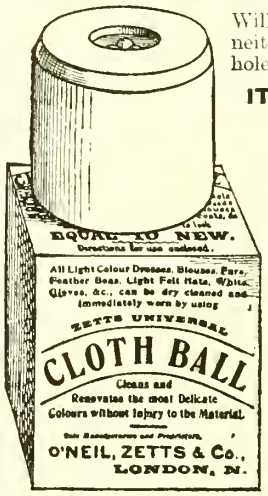
ZETTS DRY CLEANING
CLOTH BALL



Will not fall to pieces in use, neither is it hard enough to rub holes in the most delicate fabric.

IT HAS COME TO **STOP.**

WE ARE EXHIBITING AT THE FORTHCOMING

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Make a note of our Terms.
6d. size, 19/6 gr.; 1/- size, 39/- gr.

YOUR NAME PRINTED FREE as agents on 3 doz.

Our printing plant is now fully equipped and to customers requiring cartons with their own **Title, Name and Address** we can promise a speedy delivery. **Showcards free.**

Samples forwarded post free on application.

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ROYAL HORTICULTURAL HALL, VINCENT SQUARE, WESTMINSTER, LONDON, S.W.

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VISIT STAND

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We wish to see you personally, and have a special Advertising Offer to submit for your acceptance.

ADMISSION TICKETS WILL BE FORWARDED POST FREE ON RECEIPT OF CARD.

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. . Headquarters for Glassware . .

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Telegrams: "TAYLORATOR LONDON." Telephone: 4488 CENTRAL.

CATALOGUES POST FREE.

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We shall be glad to welcome you at our Stands

112, 113, 114, 115 and 116,

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Customers may avail themselves of our

FREE TELEPHONIC & TELEGRAPHIC SERVICE

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W. J. BUSH & CO., Ltd.

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POTTER & MOORE, Lavender Distillers, Mitcham.

Potter & Moore's

FRAGRANT

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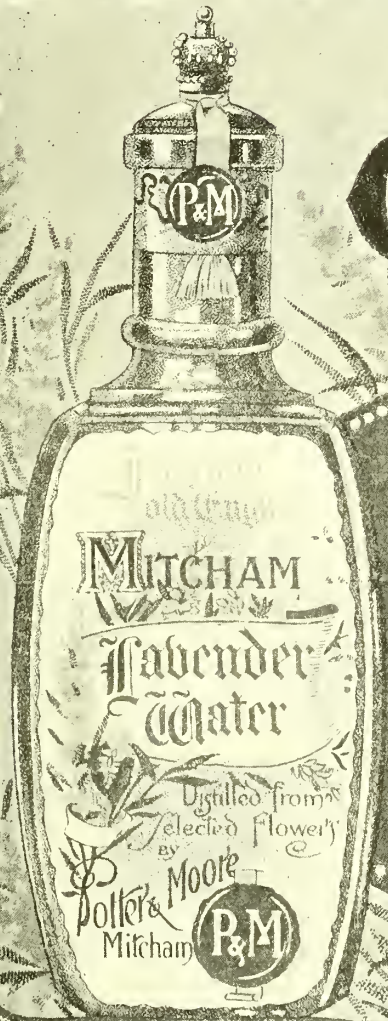

Mitcham Lavender Water

1/6	size	12/-	DOZ
2/6	"	20/-	"
3/9	"	30/-	"
6/6	"	48/-	"
12/6	"	84/-	"

DISTILLERY
MITCHAM, SURREY.

Ye olde English Perfume
A·D·
1749

Sole proprietors
W. J. BUSH & Co. LTD.,
Ash Grove, HACKNEY, N.E.

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We are exhibiting at . .

STANDS Nos. 1 & 2

and shall be pleased to receive a call from you. In addition to our special Bonus offer, we have a new Advertisement scheme which we are sure will interest you. .

Eucryl Tooth Powder yields 100 per cent. Profit.

Admission Tickets sent free of charge on receipt of card.

EUCRYL, LIMITED, HULL.

The BEST and CHEAPEST CAPPING . . is . .

VISCOSE BOTTLE CAPS.

SUITABLE FOR CAPPING EVERYTHING.

THIS IS ALL YOU DO . .

Put the Cap loosely over the neck of the bottle.

THE CAP DOES THE REST . .

As it shrinks it grips.

WE ARE EXHIBITING at the CHEMISTS' EXHIBITION

Stand No. 81.

See the New Coloured Opaque.

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CHEMISTS' EXHIBITION

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MAY 10th to MAY 14th.

JOHN STRANGE WINTER

(Mrs. Sannard) invites every reader of THE CHEMIST AND DRUGGIST to make her personal acquaintance at Stand No. 19, at which her well-known **HAIR FOOD** and other popular preparations for the Hair and Skin will be shown. She asks all who are unable to see her there to write to her for Trade Price List of J. S. W. Preparations, with special Exhibition offer.

Address all Letters to

"JOHN STRANGE WINTER,"

YORK HOUSE, HURLINGHAM, LONDON, S.W.

A Pure White . . Ointment in a Pure White Jar.

On the P.A.T.A. List.

A LIBERAL CASH BONUS FOR DISPLAY.

CURES ECZEMA, CUTS, BURNS, BAD LEGS, SCRATCHES, ULCERS & OPEN WOUNDS.

HEALA Cures the Pain First

Minimum Retail Prices: 1/9, 3/6 & 5/6

The Heala Manufacturing Co.
74 & 75 Cheapside, LONDON, E.C.

CHEMISTS' EXHIBITION.

See special exhibit at Sanger's Stall.

CHEMISTS

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Chemists' Exhibition

ARE CORDIALLY INVITED
TO INSPECT OUR NEW

SHOW ROOM

AT

6 DENMAN STREET,

PICCADILLY CIRCUS, W.

(Leading from Shaftesbury Avenue, almost opposite the Trocadero Restaurant).

BUDGET, 1909.

BESIDES A LARGE DISPLAY OF

DRUGGISTS' SUNDRIES

THE NEW ARRANGEMENTS FOR

"4711"

ON ACCOUNT OF **INCREASED DUTIES**
WILL INTEREST EVERY CALLER.

We are not exhibiting at the Exhibition this year.

R. J. REUTER, LONDON.

MENLEY & JAMES, Ltd.

Menley House, 39 Farringdon Road, London, E.C.

are now introducing to the Medical Profession

GLIDINE = =	(A pure Vegetable Protein Food).	Retailing at **2/9** and **5/-** per tin.
IODOGLIDINE	(An organic Compound of Iodine with pure Vegetable Protein.)	Retailing at **3/-** per phial of 20 tablets.
LAXOL = =	(Castor Oil made palatable).	Retailing at **1/1½** per bottle.

Price List will be sent on application.

Acts like a Charm.

PEDEZY

(Registered)

Gives Foot Ease.

Agents Wanted. Correspondence invited for the

NEW FOOT TONIC.

A fragrant liquid for the Feet. A necessity for the Toilet. Indispensable to Athletes for Chafing and Tender, Tired Feet. Controls excessive perspiration. Hardens the Tissues. Equally useful for the Hands.

Bottles 1/- each (retail).

KNIGHT & CO., Pharmaceutical Chemists,
20 WHEELER GATE, NOTTINGHAM.

We are exhibiting at the

Chemists' Exhibition

and shall be pleased to see you.

Ask for Price List and particulars of our

PROFITABLE SIDE LINES FOR CHEMISTS ONLY.

EXPRESS DEVELOPING CO., *Trade Enlargers and Photographic Printers,*

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Roll Films developed and despatched day after receipt.

NOTICE.

MESSRS. J. GROSSMITH, SON & CO.

beg to announce that the MINIMUM retail selling prices of their advertised perfumes

"PHUL-NANA," "HASU-NO-HANA," and "FLORODORA"

have been increased as follows :—

Small size, **2/3** instead of **2/-**. Medium size, **4/-** instead of **3/6**.
Large size, **7/9** instead of **7/-**.

These alterations are made in order that the margin of profit hitherto secured to the Retailers on these goods under the P.A.T.A. rules is not impaired by the necessary surcharge on Alcoholic preparations agreed upon by the trade at the Meeting held May 4th, 1909.

This adjustment will be found to not only maintain this margin, but to materially INCREASE SAME.

J. GROSSMITH, SON & CO., Distillers of Perfume, NEWGATE ST., LONDON.

CHEMISTS' EXHIBITION, 1909.
SEE STAND No. 19a
F. J. STOKES MACHINE CO.
PHARMACEUTICAL
..MACHINERY...

TABLET MACHINES.
WATER STILLS.
CAPSULE MACHINES.
DRUG MILLS.
GRANULATORS.
POT MILLS.
MASS MIXERS.
POWER MORTARS.
SUPPOSITORY MACHINES.
VACUUM DRIERS
VACUUM STILLS.
TABLET TRITURATE MOULDS,
&c., &c.

SOLE AGENTS, **THOMPSON & CAPPER,**
51 PICCADILLY, MANCHESTER.
Telephone 9015. Telegrams: "Sanitas Manchester."
Code A. B. C., 5th Edition.

The "GIANT" Remedy
BOX'S PILLS
will be shown at the
Chemists' Exhibition
MAY 10th inst. and following days
STAND No. 103.

Readers of THE CHEMIST & DRUGGIST are invited to pay a visit, which would be to mutual advantage.
W. H. Box, 101 King St., Plymouth.

Darter Wilkinson & Co.
MANUFACTURERS OF
Pleated Paper Bottle Caps. **Dish & Dessert Papers, &c.**

NO. 4. MACHINE-MADE

Nos. 0, 1, 2, 3, 10, 20, 30, 3B. for Phials @ **5d.** per gross
,, 4, 4B, 40 (3 to 6 oz.) ... ... ,, **7d.** ,,
,, 5, 5B, 50, 5½ (8 to 10 oz.) ... ,, **8d.** ,,
,, 6, 6B, 60 (Pints) ... ... ,, **10d.** ,,

23 to 25 Sandland Street, London, W.C.

A GREAT ADVANCE!

LIQUID OLONIQUES.

Our Oloniques, the new and unique extracts which are drawn direct from the flowers by a new and patented process, can now be obtained in LIQUID form. The bouquet and delicacy of the perfume given by these extracts is unrivalled and unique. The following are stocked in London in ¼-oz., ½-oz., and 1-oz. bottles :—

		PER OUNCE BOTTLE.			PER OUNCE BOTTLE.
LIQUID "OLONIQUE"	WHITE ROSE	@ 10/-	LIQUID "OLONIQUE"	IDEAL	@ 11/5
,, ,,	JOCKEY CLUB	@ 10/-	,, ,,	LILAS	@ 7/2
,, ,,	TREFLE	@ 11/5	,, ,,	PEAU D'ESPAGNE	@ 11/5
,, ,,	CARNATION	@ 8 -	,, ,,	ROSE	@ 17/7
,, ,,	CHYPRE	@ 11 5	,, ,,	SWEET PEA	@ 10/-
,, ,,	NEW MOWN HAY	@ 7 2	,, ,,	YLANG YLANG	@ 11/5
,, ,,	HELIOTROPE	@ 11 5	,, ,,	CŒUR DE FANNETTE	@ 11/5

¼-oz. and ½-ounce bottles, 1d. per bottle extra.

ALL THAT IS NECESSARY to produce unrivalled handkerchief extracts is to dilute with S.V.R. according to price of extract required.

Sole Agent for the United Kingdom **C. SMITH, 83 Queen Street, Cheapside, E.C.**

MANUFACTURED ONLY BY

ESTABLISHED 1782.

GOLD MEDAL: MARSEILLES, 1861. 2 MEDALS: PHILADELPHIA, 1876. MEMBER OF THE JURY: NICE, 1883-84; GRASSE, 1902. CHICAGO, 1893: ABOVE CLASS.

Price List on Application

CRESP-MARTINENQ, GRASSE, FRANCE.

PARIS. MARSEILLES. BERLIN. NEW YORK.

RAW MATERIALS for PERFUMES & SOAP.

Essential Oils, Pomades, Flower Extracts, &c.

"B.&K." BRAND OTTO OF ROSE

GUARANTEED PURE. DISTILLED BY BONTCHEFF & KIDOFF OF KAZANLIK.

SOLE AGENTS IN THE UNITED KINGDOM:

Fredk. Boehm Ltd

16 Jewry Street, London, E.C.

Wholesale Quantities only.

OKELL'S ORIGINAL MONA BOUQUET

(First introduced by the late JOSEPH O'KELL).

Registered Trade Mark, "DOUGLAS PIER."

The most popular and best-selling perfume in the market.

Retail Prices ... 1/-, 1/9, 3/6, 6/-, 7/6, 10/6 per Bottle

ALSO 3d. SAMPLE BOTTLES.

Shippers and Wholesale Buyers supplied on the best terms by

THOMAS WEST, 1185 & 1187 Chester Road, Stretford. **MANCHESTER**

D. Pappazoglou,

KEZANLIK, BULGARIA.

FINEST GENUINE

OTTO OF ROSE.

I make a speciality of pure oil with lowest natural percentage of stearoptene.

Sole Agent: W. NAUMANN.

U.K. & Colonies]. 63 Bartholomew Close, London, E.C.

London **L. T. PIVER'S** *Paris*

New Season's Goods:

ESSENCES CONCENTRÉES. **No. 4243.**
Lily of the Valley, Sweet Pea, White Rose, Wallflower, Wood Violet, Parma Violet, Heliotrope, Stephanotis, Ess. Bouquet, Carnation, Lilac, and Jockey Club. 21/- per doz. to retail at 2/6 per bott.

ESSENCES SURFINES. **No. 4215.**
Muguet, Heliotrope, Lilas, Peau d'Espagne, Rose, Violette, Chypre. 31/- per doz. to retail at 3/3 per bott.

ESSENCES ROSE SOLEIL (4244) **et VIOLETTE RÉGIS** (4245)
80/- per doz. to retail at 10 6 per bott. (in leather case, silk lined).

CRYSTALLIZED BRILLANTINE (in Tubes.) **No. 4128.**
Violette, Héliotrope, Lilas, Chypre, Foin, Œillet, Peau d'Espagne, Portugal, Vanille, Ylang. 5/- per doz. to retail at 8d. per tube.

POUDRE de RIZ SURFINE. **No. 4156.**
Violette, Rose, Chypre, Foin, Heliotrope, Lilas, Maréchale, Musc, Peau d'Espagne, White Rose, and Ylang. 8/- per doz. to retail at 10½d. per box.

From LONDON DEPOT: 9 & 10 Edward St., Wardour St., Oxford St., W.

The Opinion of Recognised Authority.

See in the Diary for 1909 what
Mr. J. PARRY, B.Sc., F.I.C., F.C.S., Analytical & Consulting Chemist,
says about the

Artificial & Synthetic Essences

of

CHUIT, NAEF & CO., GENEVA (Switzerland).

CONCLUDING STATEMENT.—In conclusion, my results enable me to say that all the products of Messrs. Chuit, Naef & Co. that I have examined are of the highest degree of purity, and in the case of mixtures of the sweetest and most powerful odour possible.

PRIVATE

Brand Makers of Toilet and Medicinal Soaps

Manufactured by us so that they reflect credit upon you and your goods.

TOILET SPECIALITIES FOR THE TRADE.

H. BRONNLEY & CO., Ltd., *Warple Way, ACTON, LONDON, W.*

Our Factory is within five minutes' ride of Shepherds Bush and Hammersmith Tube and Railway Stations. Acton Trams and Buses pass the door.

"ERASMIC"

BRITISH and BEST.

MAY 8th, 1909.

DEAR SIR,

With the object of meeting the views of the Trade we have arranged that on and after this date the **"Erasmic" Shaving Stick** shall be supplied in Cartons, showstands, &c., **without Price,** and that in the future the selling price shall be as follows :—

Nominal 1s.; Minimum 10d. each.

Trusting this alteration will lead to still further increased sales to our mutual advantage,

Yours faithfully,

THE ERASMIC CO., Ltd.

WARRINGTON.

The Lescol Perfumery Co.

FINEST
CONCENTRATED PERFUMES

PARMA VIOLETS, JOCKEY CLUB, OPOPONAX, NEW MOWN HAY,
RUSSIAN VIOLETS, SWEET PEA, WHITE ROSE, WALLFLOWER,
and all varieties of exceptional value.

Speciality: "NICOSIA."

No. AA 1 1 oz. ... 6/6 per doz. *1/3 each | No. AA 3 3 oz. ... 21/- per doz. *2/9 each
No. AA 2 2 oz. ... 15/6 per doz. *1/9 each | No. AA 4 4 oz. ... 26/- per doz. *3/6 each
No. AA 5 8 oz. ... 50/- per doz. *6/- each

* P.A.T.A. Prices

We have been extensively advertising "NICOSIA" in the principal periodicals and magazines to create an interest which should lead to Chemists receiving inquiries for this speciality.

Illustrated Price Lists on application to

GEORGE ST., CAMBERWELL GREEN, LONDON, S.E.

IMPORTANT NOTICE
TO
CHEMISTS AND DRUGGISTS.

Messrs. A. ROWLAND & SONS, proprietors of Rowland's Macassar Oil, for strengthening the growth of the Hair; Kalydor, for beautifying the Complexion; and Odonto, for whitening the teeth and preventing their decay, have just had designed for them a new and beautifully coloured

SHOW CARD

and will be glad to send one free of cost to any Chemist or Druggist who will send his name and address; also counter bills with name and address.

ROWLANDS' TOILET ARTICLES have been known for the last 120 years as the purest and best preparations for the Hair, Skin, and Teeth that have ever been made. They are largely advertised all over the world, consequently there is always a regular demand for them, and they should therefore be kept in stock by all stores, chemists, and druggists.

A. ROWLAND & SONS, 67 HATTON GARDEN, LONDON.

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.
FOR QUOTATIONS apply to—
PRESTON'S LIVERPOOL DISTILLERY Co., Ld.
The Largest Makers in the Kingdom.
BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office: 4 India B'ngs, Water St., Liverpool.

LAVONA DE COMPOSÉE
AND
FLOWERS OF OXZOIN
ARE REDUCED IN PRICE
TO-KALON PERFUME (French Fon Fleur)
is now put up in 2 dram as well as 1 oz. bottles.
Obtainable from all the Leading Wholesale Houses.
ALL OUR GOODS ARE ON THE P.A.T.A. LIST.
TO-KALON MANUFACTURING CO.
Albion House, 61 New Oxford Street, London, W.C.

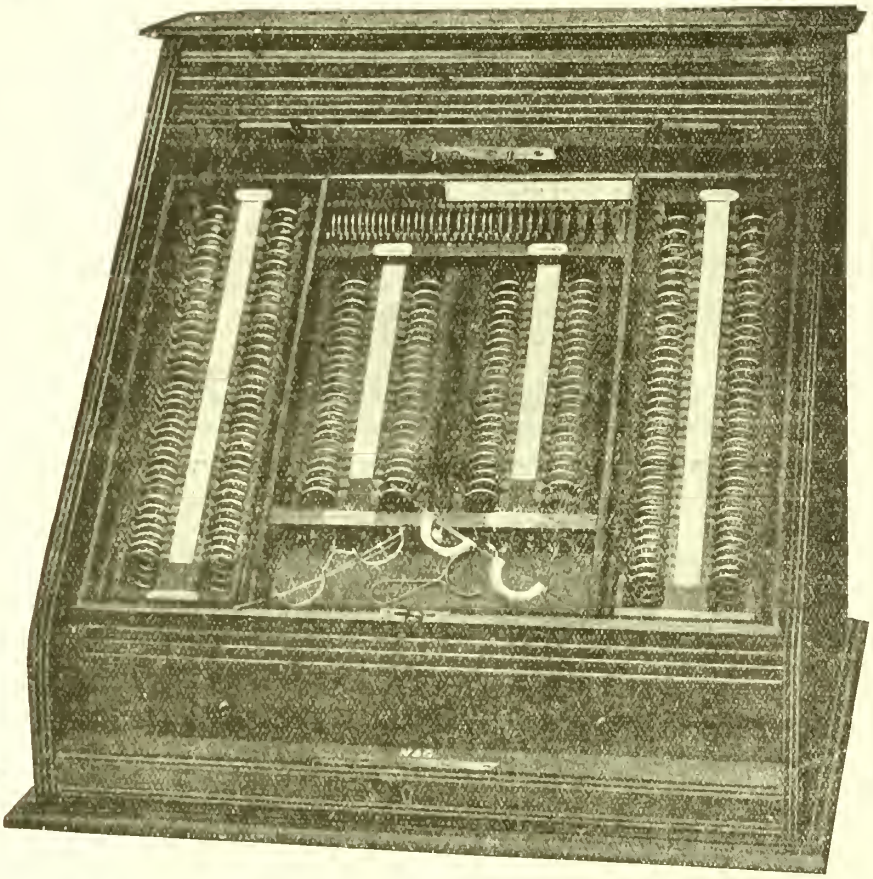
MANUFACTURERS OF

TRIAL CASES

IN VARIOUS DESIGNS:

ROLL TOP, GLASS AND PANELLED LIDS,
TRAVELLING AND "POCKET" SETS.

THIS IS AN EXACT REPRESENTATION OF ONE OF OUR LEADING STYLES, SPECIALLY RECOMMENDED



BEST QUALITY LENSES, MOUNTED IN ROLLED GOLD AND 'RATENOID' SCREW-JOINTED RIMS WITH HANDLES.

FUMED OAK CASE, with REMOVABLE SKELETON TRAY,
Our No. 4301.

Illustrated Catalogue forwarded on receipt of Trade Card.

NITSCHE & GÜNTHER,

OPTICAL WORKS,
66 Hatton Garden, London, E.C.

BUTCHER'S "KLIMAX" CAMERAS.

The Last Word in Pocket Camera Construction. Compact, Substantial, Serviceable.

"KLIMAX" Features.

Extra rigid front, made in one piece of cast aluminium alloy. Rock steady. Quick thread rising movement and sliding cross movement. Instantly ready for use. The front is fitted with a pair of thumb pieces which render it easy to set up. Mahogany body, morocco covered. Swing back with novel locking device.

Aldis "Uno" Anastigmat F.7.7, Bausch & Lomb Automat Shutter, Rack and Pinion Focussing movement.

PRICES, with Two Single Dark Slides :—

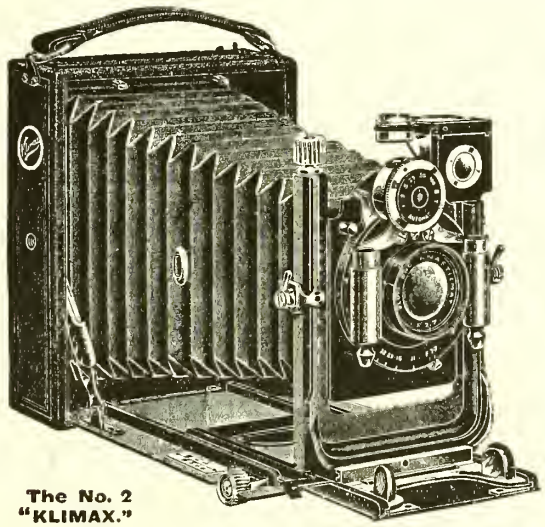
Model No. 1. Single extension.

¼-Plate	3 15 0
5×4	4 15 0
Postcard	4 15 0
½-Plate	5 15 0

Model No. 2. Double extension.

¼-Plate	4 7 6
5×4	5 7 6
Postcard	5 7 6
½-Plate	6 7 6

"1909 Additions to Camera House Price List" now ready.



The No. 2 "KLIMAX."

W. BUTCHER & SONS, Ltd.
. . Camera House, . .
Farringdon Avenue, London, E.C.

PHOTO DEALERS
Can now get 25% to 40% off
"LILYWHITE"
Papers and Cards.
THE COMING STOCK LINE.

ASK FOR DETAILS. Tels. 1041 and 1041a.

The HALIFAX PHOTOGRAPHIC CO.
LILYWHITE WORKS, HALIFAX, YORKS.

MY SPECIALITY
Is Advertising
YOUR SPECIALITY.

Put new life into your business by using ad. matter written exclusively for you. No stock kept. All orders have the personal attention of the expert.

Is this not worth considering?
Send for free booklet.

F. A. DEGEN, Ad Expert for Chemists & Druggists.
c/o C. & D., 42 CANNON ST. E.C.

"GLEDHILL"
COMPLETE
"Self-Closing Tills."

THIS TILL

Shows the coins for the last three transactions.

It automatically closes and secretly locks the cash drawer.

It retains a record of sale and rings a bell.

It checks the daily cash.

It obtains an accurate record of all accounts paid, IN or OUT.

It removes the great temptation offered by the open till. (3)

LISTS C & D FREE.

No springs are used to effect the Self-Closing, and the drawer is mounted on Roller Bearings.

G. H. GLEDHILL & SONS, Ltd.
TRINITY WORKS, HALIFAX, and 153 CHEAPSIDE, LONDON, E.C.

DIAMALT

(Registered).

A REALLY ACTIVE MALT EXTRACT.

FAR SUPERIOR TO ANY OTHER MANUFACTURE.

THE LANCET, *Feb. 20, 1909, says:—*

"About two years ago we had occasion to examine this preparation, which then showed active digestive properties so far as regards converting starch into dextrin and sugar. Active as according to our experiments DiaMalt proved to be, the improved preparation now placed upon the market shows an even greater degree of diastasic activity, besides which the flavour is very satisfactory, and such as points to the use of the finest maltings for the purpose. According to our experiments, DiaMalt digests nearly seven times its weight of starch at body temperature, while at higher temperatures it digests over **13 times its own weight of starch. It is obvious, therefore, that DiaMalt may be trusted to do its digestive work.** It contains 27·5 per cent. of moisture and 1·25 per cent. of mineral matter, which consists chiefly of the phosphates of lime and potassium."

THE BRITISH MEDICAL JOURNAL, *March 6, 1909, says:*

"Our attention has been called to an extract of malt sold under the registered name of DiaMalt. It appears to be a pure extract of malt, free from any foreign ingredient, and of an unusually high diastasic power, inasmuch as the sample examined was found to **digest practically 14 times its own weight of starch in half an hour. The proportion of proteids was 5·8 per cent.,** which is **higher than in many other extracts.** It is a palatable preparation, and as it is also very active, it is likely to be of use in the treatment of conditions for which malt extract is indicated."

A Sample of "DIAMALT" will be sent gratis to members of the Profession on application.

THE BRITISH DIAMALT COMPANY,
11 & 13 SOUTHWARK STREET, LONDON, S.E.
Maltings and Malt Extract Works—SAWBRIDGEWORTH, HERTS.

Awarded
GOLD MEDAL
Universal Exposition
Saint Louis
1904

LISTERINE

The popular American antiseptic

A non-toxic antiseptic of known and definite power; prepared in a form convenient for immediate use; of ready dilution, sightly, pleasant, and sufficiently powerful for all purposes of asepsis—these are advantages which Listerine embodies.

The success of Listerine is based upon merit, and the best advertisement of Listerine is—Listerine.

LISTERINE DERMATIC SOAP

Designed to meet the most exacting requirements of a saponaceous detergent for use in the antiseptic treatment of diseases of the skin. No animal fats, and only the best vegetable oils enter into its composition, and of these, it contains a surplus, "superfatted." It is a bland, unirritating and remarkably efficient soap.

Literature may be had upon application to the Manufacturers—

LAMBERT PHARMACAL CO., St. Louis, U.S.A.

BRITISH TRADE SUPPLIED BY
S. MAW, SON & SONS, 7 to 12 Aldersgate Street, London, E.C., General Agents for Great Britain.

The Gold Medal Wine Tonic

London, 1908.

WINCARNIS

DO YOU Stock it? It means quick sales and a steady profit if **YOU DO**

SEND FOR LIST.

All Registered Chemists can sell Wincarnis with Quinine without a licence. Why not you?

Medical men in your district order it often, and there is a large public demand. [16]

By Special Appointment to the King & Queen of Spain.

COLEMAN & CO., LTD., 21 Wincarnis Works, NORWICH.

Ionic Medication

TRADE MARK 'SOLOID' BRAND

PRODUCTS

A series of pure products for preparing solutions suitable for Electrolytic Medication is offered. One dissolved in one ounce (28·4 c.c.) of distilled water forms a 1 per cent. solution. The attention of the medical profession is being drawn to these convenient products.

Supplied in bottles of 25 products, as follows:—

		Per dozen bottles
'SOLOID' Brand (Ionic)—		
,,	Cocaine Hydrochloride, gr. 4·37 [0·283 gm.] ...	77/0
,,	Copper Sulphate ,, ,, ,, ...	6/0
,,	Magnesium Sulphate ,, ,, ,, ...	6/0
,,	Potassium Iodide ,, ,, ,, ...	9/0
,,	Quinine Bisulphate ,, ,, ,, ...	7/6
,,	Sodium Chloride ,, ,, ,, ...	6/0
,,	Sodium Salicylate (Physiologically Pure) ,, ,, ,, ...	8/0
,,	Zinc Sulphate ,, ,, ,, ...	6/0

BURROUGHS WELLCOME & CO.
LONDON (ENG.)

Branches: NEW YORK MONTREAL SYDNEY
CAPE TOWN SHANGHAI

G 279 COPYRIGHT

"VASELINE" HAIR TONIC.

The World's best preparation for the Hair.

A liquid preparation of petroleum, delicately perfumed, for preserving and restoring the strength, vitality and beauty of the hair. It will prevent dandruff and keep the scalp clean, sweet and healthful.

1/- size, 9/- doz.; 2/- size, 18/- doz.

The word "Vaseline" is the Registered Trade Mark of the

CHESEBROUGH MANUFACTURING CO.

42 Holborn Viaduct, LONDON, E.C.

'PANOPEPTON'

PANOPEPTON presents the entire substance of prime lean beef and best wheat flour in a perfectly soluble, diffusible, and absorbable form. It is at once a grateful stimulant and food.

'PEPSENCIA'

PEPSENCIA is an ever-ready digestive fluid possessing remarkable peptic and rennet activity. It contains pure pepsin, the vitality of which is unimpaired by chemical action or manipulation.

'PEPULE' PEPSIN 3 grs.

A convenient and accurate method of administering pepsin.

'ZYMINE' PEPTONISING TUBES

For the preparation of peptonised milk and other predigested foods for the sick.

Originated and Manufactured by
Fairchild Bros. and Foster,
NEW YORK.

Agents for Europe, Asia, Africa, and Australasia:
Burroughs Wellcome and Co.
LONDON, SYDNEY, CAPE TOWN.

THE CHEMIST AND DRUGGIST

A Weekly Journal of the Chemical and Drug Trades,
and of
British Pharmacists throughout the Empire.
ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is the leading journal addressing the chemical and drug trades of the British Empire. It is adopted as an official journal by seventeen Chemists' Societies in Australia, Ireland, New Zealand, South Africa and the West Indies, and its paid-in-advance circulation in Great Britain and all Countries having business relations with the British Empire is intrinsically and numerically unique.

Subscription Rates.

Ten shillings a year in advance, post free to any part of the world, including a copy of *The Chemists' and Druggists' Diary* next published. Subscriptions may begin any month. Single copy, 4*d.*; Summer or Winter Number, 1*s.* *Diary*, 3*s.* 6*d.* Postal orders and cheques to be crossed "Martin's Bank (Limited)."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 12·60 francs, franco.

Jährlicher Abonnementspreis: die Zeitung einmal wöchentlich, und der Notizkalender einmal im Jahre, 10 Mark, postfrei.

Precio de suscricion annual: el periodico una vez por semana, y el agenda una vez por anno, 12·60 pesetas, franco.

Terms for advertising in THE CHEMIST AND DRUGGIST can be obtained on application to the Publisher at the

Head Office: 42 CANNON STREET, LONDON, E.C.
Telegrams: "Chemicus London." Telephone 852 Bank.
Branches: ADELAIDE, MELBOURNE, AND SYDNEY, AUST.

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TRANSATLANTIC TRADE

will be stimulated and strengthened by the publication, on May 22, of the New World Issue of THE CHEMIST AND DRUGGIST. The particular purpose of that issue is to bring buyers and sellers of chemicals, drugs, proprietaries, druggists' sundries, and toilet articles in the Old World and the New into closer touch. The potentialities of Canada, United States, South America, and the West Indies as purchasers of British goods are appreciated by all business men, who will find advertising announcements in the New World Issue of exceptional value in bringing inquiries. Although there will be an extended distribution in addition to the usual weekly circulation of THE CHEMIST AND DRUGGIST, the advertisement rates will not be advanced. Firms requiring space should communicate at once with the Publisher, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C.

Summary.

The subjoined paragraphs give the gist of the more important matters in this issue, with the object of showing at a glance what has happened during the week. See also "Contents" in the first column.

THE INCREASE of 3*s.* 9*d.* per proof gal. in the spirit-duty is the topic of the week. It seriously affects the chemical, drug, and allied trades of the United Kingdom.

WE HAVE WRITTEN to the Chancellor of the Exchequer about the matter, and the text of the letter will be found on p. 713.

WE ALSO COMMUNICATED with manufacturers of spirituous medicinal preparations, soluble essences for aërated beverages, and perfumes. Out of nearly a hundred all but three or four considered that action should be taken.

ACCORDINGLY a meeting was called at the offices of the London Chamber of Commerce on Wednesday afternoon, when about fifty representative men from town and country attended, and Mr. T. Tyrer presided.

AFTER A STATEMENT by the Editor of the *C. & D.* there was a long discussion, among the speakers being Messrs. Walter Hills, A. Boake, H. Gadd, Charles Umney, Reginald Howell, E. V. Barrett, C. A. Hill, H. E. Stevenson, J. E. Saul, A. E. Webb, Hermann Woolley, W. Johnston, and J. Duckworth. It was decided that in view of the difficulty of providing a scheme of differentiation equally workable on the retail and wholesale scales, the Chancellor should not be approached. The meeting is fully reported on p. 704 *et seq.*

THE PRICES of perfumes and alcoholic toilet-preparations have been advanced 10 per cent. by the manufacturers, and wholesale prices of tinctures by 6*d.* to 1*s.* per lb., with other spirituous medicines proportionately. See p. 709 and the Trade Report (p. 728).

RETAILERS will be the heaviest sufferers, although they are advancing the prices of tinctures by ½*d.* to 2*d.* per oz. in certain districts. Some notes are given on p. 710. We would be glad to hear from chemists in other districts what they are doing.

IN THE HOUSE OF COMMONS on Thursday afternoon, Mr. Lonsdale asked whether the attention of the Chancellor of the Exchequer had been called to the fact that one effect of the proposed increase of 3*s.* 9*d.* per gal. in the duty on proof spirit will be an advance in the price of many medicines, and whether he would consider the advisability of granting a special rebate on spirits used in the manufacture of medicine. Mr. Lloyd George replied that he was giving the matter careful consideration. [This is the cue for chemists.]

A NEW STROPHANTHUS is described by Sir T. R. Fraser (p. 700).

A MAIDSTONE COMPANY has been fined under the Medicine Stamp Acts (p. 723).

FOUR MORE CONVICTIONS under Section 3 of the Dentists Act are reported on p. 723.

THE RESULTS of the last examination for apothecaries' assistants are reported on p. 698.

REPORTS of Association meetings during the past week are printed in the Coloured Supplement.

THE ROYAL ACADEMY contains a number of pictures which are of special interest to pharmacists (p. 734).

MR. JUSTICE WARRINGTON has declined an application for the registration of "Californian fig syrup" as a trade-mark (p. 722).

SOME light is thrown on the working of the camphor-monopoly in Formosa, which shows that considerable dissatisfaction exists among the refiners (p. 713).

CAMPHORATED OIL made with synthetic camphor has been the subject of a summons under the S.F. and D. Acts, which was dismissed on a question of warranty (p. 723).

THE PHARMACEUTICAL COUNCIL-MEETING on Wednesday was lengthy, the more unusual topics being the increased spirit-duty (which was referred for treatment to Mr. Glyn-Jones) and poison-licences. Mr. Sydney Smith has gained the Pereira Medal. The annual report was approved (pp. 717 to 721).

THE CHIEF INTEREST in the drug and chemical markets has centred in the advance in the spirit duty. Shellac is much lower. Lead nitrate and guinea grains are dearer. Cream of tartar and ammonia sulphate are easier. The feature of the drug auctions was the excellent demand for sarsaparilla (p. 728).

English News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

Brevities.

Messrs. Idris & Co., Ltd., Camden Town, London, N.W., have put the principle of the Daylight Saving Bill into operation by commencing at 7.30 A.M. instead of 8.30 A.M., during the summer months, and leaving off an hour earlier in the evening.

The members of the Bournemouth Town Council have decided to present a silver cradle to the Mayoress (Mrs. G. E. Walker Bridge), in celebration of the birth of a daughter during the mayoralty of her father-in-law, Councillor G. E. Bridge, pharmacist.

The premises of Alderman W. Gowen Cross, pharmaceutical chemist, Mardol, Shrewsbury, were in danger of destruction by fire on April 25 when, in the early morning, a timely discovery of the outbreak of fire among some boxes in the cellar prevented a serious conflagration.

At Cambridge on May 2, while Mr. Charles P. Truscott, an assistant at the Petty Cury establishment of Boots, Ltd., was taking riding exercise with some fellow-troopers in the Loyal Suffolk Hussars his horse bolted and threw him. Mr. Truscott died during the day from concussion of the brain.

The Royal College of Physicians has now passed a by-law admitting women to the examination for qualification under the Medical Act, 1876, but women will not be eligible for election as Fellows of the College, nor entitled to take any part in the government, management, or proceedings of the College.

A fire in the chemistry-department of the Central Technical College, Exhibition Road, London, S.W., on Monday, was practically confined to the roof, of which about a hundred feet was destroyed. Much damage was also done by smoke and water. Overheating of the stove-pipes is supposed to have started the outbreak.

Mr. P. A. W. Self, Ph.C., B.Sc., has written to the "Daily Express" about women in pharmacy, stating that "it seems clear that woman is in serious danger of changing her motto from 'co-operation' to 'competition' with man, and, since this attitude constitutes an alarming menace to the whole structure of modern society, it follows that any such help to women workers as that which the 'Express' is offering cannot tend to the general good."

At Hertford on April 30, Charles Douglas was committed for trial on a charge of obtaining money with intent to defraud (*C. & D.*, May 1, p. 666). Further charges of a similar nature were preferred against the prisoner, including one by Mr. G. T. Ecclestone, pharmaceutical chemist, Bishop's Stortford, who also paid 25*s.* deposit in October last for an advertisement in the "St. James's Review" and 100 copies of the publication. Accused stated that the publication was a *bona-fide* one. He was allowed out on bail.

At Grimsby on April 28, Ed. James Maltby (26), steward, went to the pharmacy of Mr. J. A. Moore, chemist and druggist, 24 Freeman Street, and purchased half an ounce of laudanum. Before the assistant could prevent him he swallowed the contents of the phial and left hurriedly, with the assistant at his heels. Maltby went straight to a police-constable, and on the assistant coming up, the officer haled Maltby back to the pharmacy, where an emetic was administered. The man was then removed to the police-station, where he recovered, and subsequently appeared on a charge of attempting to commit suicide.

Store-prices.

Among the lines which are given prominence in the May price circular of the Civil Service Supply Association the following C.S.S.A. specialties appear this month: Bath salt, 11*d.* per bot.; prepared ammonia, 7½*d.* per bot.; disinfecting fluid, 8*d.* per 20-oz. bot.; gran. eff. citrate of magnesia, 1*s.* 4*d.* per 1-lb. bot.; saline, 9*d.* per bot.; toilet-vinegar, 7½*d.* and 1*s.* 2*d.* per bot.; effervescent liver-salt, 1*s.* 2*d.* per bot.; hair-lotion, 1*s.* 9*d.*, 2*s.* 3*d.*, and 2*s.* 8*d.* per bot.; hair-wash, 7*d.* and 1*s.* 1*d.* per bot. Cirengol (5*d.* per tube), quassia chips (3*d.* per lb.), precipitated sulphur (5*d.* per lb.), and sublimed sulphur (2*d.* per lb.) are quoted as garden insecticides.

Royal Institution.

The annual meeting of the members of the Royal Institution was held on May 1, Sir James Crichton-Browne (Treasurer and Vice-President) in the chair. The annual report of the Committee of Visitors for the year 1908, testifying to the continued prosperity and efficient management of the Institution, was read and adopted, and the report on the Davy Faraday Research Laboratory was also read. Forty-eight new members were elected during the year. Sixty-three lectures and nineteen evening discourses were delivered in 1908. Over 936 volumes were added to the library in the year. The Duke of Northumberland, Sir James Crichton-Browne, and Sir William Crookes were re-elected President, Treasurer, and Secretary respectively.

Society of Apothecaries of London.

At the Assistants' examination held in April the following candidates were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines:

Ballard, E. M.	Day-Lewis, J. B.	Morris, C. E. M.
Bartlett, D. J.	Faraker, E. C.	Pruen, M. L.
Beamish, M.	Fischer, I.	Reilly, E.
Bennett, C.	Gabb, V. M.	Seebohm, L.
Brand, H. M.	Gant, A. M.	Stafford, I.
Chapple, G. W.	Harris, D.	Symes, M. H.
Chiswell, A. A. P.	Jarvis, D. J.	Turner, A.
Conroy, T. J.	Jonas, E. C.	Turner, K. M.
Constable, L. E.	Jones, L. G.	Wallace-Wilson, E.
Crockett, K.	Martin, D. M.	Wethersett, A.

Contracts.

London County Council.—Townson and Mercer for the annual supply of chemical apparatus.

Blaby Urban Council.—Mr. G. W. Smith, chemist and druggist, Enderby, for the supply of drugs.

Dudley Town Council.—R. K. Laking & Co., Manchester, for the supply of disinfectant-fluid at 2*s.* 9*d.* per gal., disinfectant-powder at 3*l.* 15*s.* per ton, and disinfectant-soap at 1*l.* 2*s.* 6*d.* per cwt.

Guildford.—The General Purposes Committee of the Joint Hospital Board, after consideration of a letter from the Guildford Chamber of Trade with reference to the supply of drugs (*C. & D.*, April 17, p. 603), recommended the Board not to alter the present arrangements. Dr. Niall, in moving that the Board adopt the report, said that some members of the committee thought the old arrangement of obtaining drugs locally was possibly not the best one. They instructed the medical officer to obtain price-lists from wholesale firms in London, and that of Messrs. Bell & Co. was chosen. Their price-list compared very favourably with those of other London houses, and in addition there was a 12½ per cent. deduction. Dr. Pierce, the medical officer, in explaining the present arrangement, said about one order was sent to the London firm every quarter, and anything wanted meanwhile was obtained from two local chemists alternately. The yearly amount spent in drugs came to about 40*l.* or 50*l.*, of which half at least was for antitoxin. He had compared some of the prices of the firms who allowed a large discount, and they were much higher than those the Board were paying. The committee's recommendation was adopted.

Wine and Spirit Licences.

Confirmation of the medicated-wine licences granted to Mr. J. R. Parker, chemist and druggist, and Mr. Dennis V. Scott, was refused at the York general licensing sessions on April 30, after a private deliberation.

The Middlesex Confirmation Committee had before them on April 30 the off wine-and-spirit licence of Mr. H. E. Clement, chemist and druggist, at 5 King's Parade, Hampton. Mr. Clement's premises on the opposite side of the road, at which he conducted a wine-and-spirit business, had been acquired by the tramway company. The chairman said they would confirm the licence if Mr. Clement was

prepared to divide the premises so that there should be no connection with the chemist's portion, and the confirmation would be adjourned to give him an opportunity to consider the suggestion.

Sale of Food and Drugs Acts.

The Deptford public analyst reports that one sample of arrowroot and two samples of olive oil were examined during the last quarter, and proved to be genuine.

The Lancashire county analyst states in his quarterly report that all the following samples were found on examination to be genuine : Pepper (36), vinegar (9), mustard (5), arrowroot (1), magnesia (1).

The Bethnal Green analyst reports that the following samples examined during last quarter were all genuine : Mustard (3), vinegar (1), salad oil (1), soda-water (1), camphorated oil (4), rhubarb (4), and iron pills (1).

The Hertfordshire county analyst (Mr. A. E. Ekins, Ph.C., F.I.C.) reports that all the drug samples examined during the last quarter were genuine. The samples were as follows : Camphorated oil (5), lime-water (4), Gregory powder (3), and one each of ginger-wine, compound liquorice powder, glycerin, and pepper.

In the East Riding of Yorkshire the following samples were taken during the past quarter : Camphorated oil (16), beeswax (11), honey (3), and milk of sulphur (1). Three of the camphorated-oil samples were from 19.1 to 50 per cent. deficient in camphor. One of the vendors was proceeded against and fined 9*s*. 6*d*. Paraffin wax to the extent of 20 and 23 per cent. was found in two of the beeswax samples. A prosecution against one of the offenders resulted in a fine of 9*s*. 6*d*.

Birmingham Notes.

Messrs. Hedges have a beautifully arranged stall at the Bingley Hall Exhibition devoted to perfumes, toilet-requisites, soaps, and the like.

Mr. Neville Chamberlain reports that 100 medical men are associated with the new provident dispensary, which is intended to decentralise medical relief.

Mr. Wilfred F. Southall, Ph.C., presided at a large gathering of young temperance folk at the Town Hall on Monday, and Mrs. Southall distributed the prizes.

Messrs. Needhams have in their New Street shop a striking statue of a diver, all the parts except the helmet being made up of sponge of various texture, quality, and colour.

With the object of creating enthusiasm among photographers, Dr. Hall Edwards has suggested a medal and certificate for proficiency in scientific and applied photography. The scheme is being favourably received.

"Pharmacist," in the "Birmingham Mail," directs attention to the fact that the poor man's medicines will be dearer because of the increased duty of 3*s*. 9*d*. per gal. on spirit, which means 10 per cent. increase or more in the cost of manufacture of tinctures. "Hospitals and dispensaries will also feel the burden."

The Hairdressers' Plaint.

At a meeting of the Darwen Master Hairdressers' Association on April 29, it was stated that the Northern Counties Hairdressers' Federation had been called upon to deal with various claims against their members for alleged "foul shave." The Federation had accordingly formulated a sanitation code, and were having a powerful antiseptic prepared by a firm of chemists for use among the members. A Darwen hairdresser then strongly complained that it was the practice of many chemists, not necessarily in Darwen, to advise people who consulted them concerning face-eruptions that they had contracted them in "the barber's shop." The hairdresser was thereby placed in an entirely false position, inasmuch as the eruption might be due to a variety of causes. The general feeling of the meeting was that the statement was not made with any intention to do harm, but rather from want of thought. It was decided to communicate with the North-East Lancashire Chemists' Association, asking the members not to blame the hairdressers for any skin-affection which might come under their notice, without tangible evidence that such was the cause, in view of the serious position in which it might place the hairdresser. One member said in an instance which had come under his notice a man who thought he had contracted the "barber's rash" confided his fears to a Darwen chemist, who promptly told him he was mistaken. The real cause was found to be the lead-glazing on the complainant's collars.

Alleged Attempted Murder.

The Penarth Magistrates on May 5 committed Edgar Harvey to the Assizes on a charge of attempted murder. While a six-year-old child, named Maud Arnold, was gathering flowers in a field at Llandough on April 17, prisoner gave her a drink from a bottle of some fluid. The child immediately became ill, and on medical examination was stated to be suffering from belladonna-poisoning. Search resulted in the capture of Harvey while on his way to Cardiff. He afterwards drank some of the contents of the bottle, which was then taken from him. On analysis by the county analyst (Mr. C. A. Seyler) the remainder of the contents (0.3 oz.) proved to be liniment of belladonna. Mr. Seyler's examination of the girl's vomit did not disclose the presence of belladonna.

Irish News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

The Increased Spirit Duty.

Mr. Richard Blair, M.P.C.S.I., writing to the "Cork Examiner" about the increased spirit-duty and its effect on medicines, etc., suggests that a clause should be inserted in the Act exempting spirit used for purely medicinal purposes.

The Belfast wholesale druggists, in common with others throughout the Kingdom, are readjusting the prices of spirituous medicines, on account of the proposed increase in the spirit duty of 3*s*. 9*d*. per proof gallon. The following are examples of the increases : Sp. vini rect., 7*s*. gal. ; alcohol abs., 10*d*. lb. ; chloroform, 10*d*. lb. ; æther, 1*s*. 8*d*. lb ; chloral hydras, 6*d*. lb. ; decoctions, 4*d*. lb. ; infusions, 2*d*. lb. ; sp. æther nit., 10*d*. lb. ; rectified tinctures, 10*d*. lb. ; sp. ammon. arom., 8*d*. lb.

Window-smash.

At Lisburn on April 30, a woman named Daly was arrested on a charge of breaking a plate-glass window, value 7*l*., on the premises of Messrs. Alexander Boyd & Co., chemists, Railway Street, Lisburn. The woman has been remanded for a week.

Purging the Roll.

On May 1 the Lord Chancellor ordered the name of William Johnston Roberts to be struck off the Roll of Solicitors of the Supreme Court for professional misconduct. Roberts sold property in Dublin on behalf of Mr. John McClelland, Chemist, Ballyshannon, and through the conduct of Roberts the sum of 500*l*. was lost.

Personal.

Mr. C. V. Bolton, pharmaceutical chemist, Belfast, has added an optical department to his pharmacy.

General Booth, of the Salvation Army, was the guest of Sir William Whitla, L.P.S.I., at Lennoxvale House, Belfast, from April 28 to May 3.

Mr. W. N. Allen, pharmaceutical chemist, Dublin, has been elected a member of the Select Vestry of the Parish of All Saints, Grangegorman.

Mr. W. F. Wells, pharmaceutical chemist, ex-President of the Pharmaceutical Society, has been re-elected a director of Messrs. Powell & Mooney, Ltd., Dublin.

At a meeting of the creditors of Mr. John Murphy, pharmaceutical chemist, 17 Bridge Street, Cork (*C. & D.*, April 24, p. 644) held in Cork last week, an offer was made on behalf of the debtor of 4*s*. in the pound, but no definite conclusion was arrived at regarding the acceptance of the offer.

Fires.

The rebuilding of the premises of Messrs. John Clarke & Co., Ltd., wholesale druggists, Corporation Street, Belfast,

which were destroyed by fire on April 20, has been commenced.

At the meeting of the Belfast Police Committee on April 29, the chief officer of the fire-brigade reported with reference to the fire at Messrs. Wm. Dobbin & Co.'s, wholesale druggists, North Street (*C. & D.*, May 1, p. 666). Councillor Irvine stated that he had been requested by the firm to express to the committee their appreciation of the valuable services of the brigade on the occasion in question.

Compounder's Salary.

Mr. Joseph Ritchie, pharmaceutical chemist, The Dispensary, Rumford Street, Belfast, referring to the note in the *C. & D.*, May 1, p. 667, states that the L.G.B. have sanctioned a rise in his salary of 10*l.* per annum. He has already received the first instalment of the 10*l.* rise.

Guardians and Drug-contracts.

The Wexford Guardians considered the matter of the contract for surgical appliances which Mr. White declines to accept. The Guardians adjourned its consideration till the next meeting.

The Abbeyleix Guardians have decided to advertise again for tenders for surgical appliances, as Mr. White, Sligo, states that he is unable to enter into the contract awarded him by the Guardians.

The Tuam Guardians are taking steps to compel Mr. P. N. White, Sligo, to carry out his contract. Mr. White sent the Guardians a letter from the Local Government Board in which the L.G.B. state they have "grave doubts as to whether Boards of Guardians throughout the country should be permitted to enter into contracts" with him.

An interesting point was raised at the meeting of the Belfast Board of Guardians on May 4 by Mr. D. W. Elliott, pharmaceutical chemist, Chairman of the Infirmary Committee. He said that the extra cost of duty on the drugs supplied that day would be between 5*l.* and 6*l.*, owing to the additional tax of 3*s.* 9*d.* per gallon in the Budget on proof spirits. Mr. Savage said that the contractors were well able to look after themselves. The Clerk gave it as his opinion that the Guardians would have to pay the extra duty, but said he is taking legal opinion on the matter.

Scots News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

Aberdeen and the North.

Monday was recognised as the annual spring holiday, under slightly improved climatic conditions. Most pharmacists and stores closed their premises during the afternoon, some for the whole day.

The Rev. John Marshall Lang, D.D., Principal of Aberdeen University, died on Sunday night, May 2. Principal Lang opened the proceedings of the B.P.C. in September last, when he extended a cordial welcome on behalf of the University to the members of the Conference in a characteristic and happy speech.

The Budget has caused quite a sensation locally, and among chemists the general question is: Have you a good stock of S.V.R.? The price rose at once, and only in one instance are we aware of a firm supplying from stock to customers only and in limited amount at the old price during the end of the week. So far there is no intimation of any increase in retail prices, but the question is often asked as to the probability of a rebate on spirit used in manufacture of medicinal preparations.

While some local chemists are worrying over the granting of licences to seedsmen, etc., to deal in agricultural poisons, and others are quite indifferent, it is refreshing to see an attempt being made to capture the business that flows through this channel. Mr. Crossling, chemist, Justice Street, Aberdeen, issues a price list circular, styling himself "horticultural chemist," quoting leading manufacturers' preparations, as also Crossling's Special Chrysanthemum Manure, Crossling's Kyl-Slug, etc., a good list of manures, fertilisers, weed-killers and insecticides; rat- and mice-poisons, etc. All the preparations mentioned are priced in quantities to meet the demands of both amateur and professional gardeners.

Edinburgh.

Some waste paper caught fire on May 4 in the back of the premises of Mr. James Anderson, chemist and druggist, 36 Home Street. An early appearance of the fire-brigade damped off the flames before much damage was done.

Strophanthus Sarmentosus.

At a meeting of the Royal Society of Edinburgh on May 3, Professor Sir T. R. Fraser and Dr. Alister P. Mackenzie (Carnegie Research Scholar) communicated a paper on "*Strophanthus sarmentosus*: Its Pharmacological Action and Use as an Arrow-Poison." They stated that this species is found over a large part of West Africa—Gambia, Senegambia, Senegal, and especially in Nigeria. Most of the material which they used (the flower and fruit) was collected by doctors of the Colonial Medical Service, who had had brought under their notice the prevalence in Nigeria of the use of poisoned arrows; the main ingredient of the poison is *Strophanthus sarmentosus* seed. Sir T. R. Fraser exhibited a number of poisoned arrows and specimens of the poison, and explained how the latter is made. *Strophanthus sarmentosus* is a creeper, and its seeds are attractive-looking and very small. The action on the heart of preparations of the seed was studied and compared with the action of *Strophanthus hispidus*, and the result showed that the contractions of the heart are modified by it in the same way. It may therefore be expected that *Strophanthus sarmentosus* may also become a remedy of importance and value.

Personal.

Mr. James L. Ewing has been elected President of the Edinburgh Dumfriesshire Society.

Mr. George Seivwright, chemist and druggist, has been returned as a member of the Cullen School Board.

The appointment of Mr. Robert Sinclair, chemist, Lint Riggs, Falkirk, to the Town Council of the burgh, has given general satisfaction locally. Mr. Sinclair is a native of Dunfermline, and passed the Minor examination in 1893. A year later he started business in Falkirk, and had not long been settled in the town when he began to take a practical interest in its affairs. He has been a member of the West Ward Committee for ten years, during seven of which he acted as Secretary. He served latterly as the committee's representative on the Combined Wards Committee, and acted as Convener.

Mr. Sinclair.

Miss Mitchell, B.Sc.(Edin.), formerly clinical assistant in the laboratories of the Royal College of Surgeons, Edinburgh, has joined the laboratory staff of Messrs. Duncan, Flockhart & Co., Edinburgh.

French News.

(From the "C. & D." Paris Correspondent.)

Codex Reagents.—In view of the approaching legal adoption of the 1908 Codex a box of "Codex Reagents" is on sale at 30f. by a well-known wholesale house. It contains forty-eight (60-c.c.) vials of the reagents specified by the new work, also test-tubes, funnels, filtering-paper, and other requisites.

The Critic Criticised.—M. Hubac thinks that certain severe criticisms made by Dr. Martin on the new apprenticeship proposals are open to comment. He admits that in these new regulations the existing pharmacist is somewhat sacrificed, but he is sacrificed for the sake of his future

colleagues. Had the reform been carried out ten years ago we should profit by it. Transformation (not necessarily revolutionary, but steady and gradual) must come, and each member of the profession should be prepared to some extent to sink his individual interests and think of the general welfare and of the future outlook.

Une Affaire Parisienne.—"Gentlemen," commenced the eminent barrister M. Busson-Billault, in a recent claim for damages, "an Auvergnat coachman, driving a Norman gelding, drawing a carriage containing a Greek plenipotentiary Minister, ran over an American pharmacist on August 26 last, on the Boulevard des Capucines, Paris. The victim was immediately attended by a Wallachian doctor. The Auvergnat driver appears before you, supported by the evidence of a Belgian banker. You see at once, your Worship, that this is a truly Parisian affair." The Eighth Chamber of the Paris Criminal Court condemned the prisoner to pay the pharmacist 800f. (32*l.*) damages, besides fining him 16f. for furious driving.

Drumming for Druggists.—The druggists' "drummer" from across the herring-pond is far from being an unknown quantity to English chemists, but the man I saw on market day at Melun was of another and more liberal kind. I was strolling quietly along the main street of this town—curiously provincial, yet so near Paris—when a soul-stirring rub-a-dub-dub from around the corner made me instinctively step on to the "sidewalk" and wait to see the soldiers go by. But my drummer was solitary; he was, in fact, the town crier, who in French towns and villages replaces our English provincial bell-man with his classic Norman-French "O-yes." Having finished his military flourish he announced in stentorian tones: "The G-r-a-and Pharmacy X——! The best and least expensive of the region! If you cough, use X's lozenges. Thir-r-r-ty-six boxes will be pr-r-resented to the fir-r-rst thirty-six customers." Another formidable rub-a-dub-dub and he had disappeared round the corner, to carry his announcement to the inhabitants of a neighbouring street.

Exhibition Commissions.—The formation in England of a Royal Commission to assist the Board of Trade in organising British exhibits at the forthcoming Brussels, Rome, and Turin Exhibitions, looks like taking a leaf out of the French book. The French Committee of Foreign Exhibitions (which organised the French section of the Franco-British Fair last year) has now existed for many years, and the services it has rendered in securing proper representation of French arts and industries—especially at the Exhibitions of Liège and St. Louis—is generally admitted. It serves, roughly, as a useful intermediary between the Government, which treats an exhibition on a diplomatic basis, and the manufacturers, who are more interested in commercial details. A Government official is apt to assume a lofty tone with commercial exhibitors who quarrel over such details as space and position (which are to them all-important); while commercial exhibitors can seldom be readily induced to group themselves or sacrifice individual ambition to national interests without some firm but tactful guiding authority.

Australasian News.

The fullest information regarding the Australasian drug-trade and pharmacy is given in "The Chemist and Druggist of Australasia," copies of which can be obtained at 6d. each, post free, from the office of "The Chemist and Druggist," 42 Cannon Street, London, E.C.

The Commonwealth.

Phosphorus Matches.—The importation of matches containing white phosphorus is prohibited after June 1, 1909; and the Premier, in reply to a deputation of match-makers, has promised to introduce a Bill prohibiting the use of white phosphorus in locally made matches.

New South Wales.

Mr. A. Forster, Registrar of the New South Wales Pharmacy Board and Secretary of the Pharmaceutical Society, is seriously indisposed, and has been ordered to take a complete rest in consequence of a considerable amount of overwork. It is proposed to recognise in some way the strenuous work which Mr. Forster has done for the Board and Society.

Wages Boards.—The proceedings in regard to the Wages Boards have been declared to be invalid owing to a technical defect, and in the Industrial Court, on March 21, Judge Heydon dissolved the Grocers' Board and withdrew his recommendations regarding the Pharmaceutical Wages Board (*C. & D.*, May 1, p. 669). As the invalidity is declared only on a technical point, it is thought that, when a fresh application is filed, the Boards will be re-constituted as previously recommended. The Shop Assistants' Union, Chemists' Assistants' Section, were to meet and decide whether they will accept one representative on the Board as recommended by Judge Heydon. It is thought likely that, in spite of the views of Mr. Stuart-Roberston, the shop assistants will incline to this position. If they refuse to accept one member, it is possible that they will withdraw completely from the Board and make no further application. The Council of the Pharmacists' Assistants' Association met on March 25, and it was decided that no application be made to the Court until after the meeting of the Shop Assistants' Union. If the latter body decides to file a new application, the Pharmacists' Assistants' Association will probably co-operate and share the costs.

South African News.

(From the "C. & D." Correspondents.)

Natal.

Practical Instruction in Pharmacy.—The first technical classes in connection with the Maritzburg Business College at Pietermaritzburg are to be in pharmacy, with Mr. W. V. Kelsey, chemist and druggist, as lecturer. At the inauguration of the classes on April 6, Mr. Sowersby J. Mason, the Chairman of the College directors, said that lately they had been pressed to extend their work, and the most pressing need seemed to be that which the class now opened was intended to fill. The Government were showing their sympathy in a practical way by assisting in the construction of the laboratory. This portion had yet to arrive, but in the meantime apparatus had been lent by chemists in the city. Dr. Hyslop, President of the Natal Medical Council, stated that candidates who wish to qualify as chemists and druggists under existing conditions present themselves for examination three or four times before succeeding in their object, and frequently, in consequence of repeated failures, pass on to other vocations. Mr. C. A. Faweett, Secretary of the Natal Pharmacy Board, expressed pleasure at the definite commencement of the classes, and added that out of ten candidates who attempted to qualify last year only two passed, while this year none of the candidates has been successful. Mr. F. E. Turner, a member of the Pharmacy Board, said he was exceedingly pleased to see the beginning of systematic work for the Pharmaceutical examinations. The low percentage of passes was entirely due to the lack of systematic training. He offered a prize for competition among the students. Mr. Kelsey then gave an outline of the proposed course, which extends over a year.

Transvaal.

Business Change.—Messrs. A. A. Bones & Co., Ltd., have purchased the Crow Pharmacy, Pretoria, the oldest-established business in the Transvaal. The business will be carried on as a branch establishment.

Birth.

Williams.—At 2 Beaufort West, Grosvenor, Bath, on April 26, the wife of Harold J. Williams, chemist and druggist, of a daughter.

Marriages.

Jones—Jones.—On April 28, at Llanrhyddlad, Anglesea, Robert Coetmor Jones, chemist and druggist, 23 Seaview Road, Liscard, Liverpool, late of Bethesda, Carnarvonshire, to Lizzie I. Jones, daughter of Mr. H. Jones, of Gamog, Llanrhyddlad.

McCowan—Hamilton.—At 27 Onslow Drive, Glasgow, on April 30, by the Rev. James Primrose, M.A., Cathedral Square Church, John McCowan, chemist, Glasgow, to Elizabeth Russell, daughter of Mr. Thomas Hamilton, draper.

Deaths.

Bateman.—At 682 High Road, Tottenham, London, N., on May 2, Mr. Thomas Henry Bateman, pharmaceutical chemist, late of 223 Finchley Road, N.W., aged sixty-four. Mr. Bateman was well known in the London trade, and his death will be a painful surprise to many who have not been in close touch with him lately. He was an extremely hardworking practical pharmacist, combining strict commercial integrity with sound common-sense, and all those who had the privilege of knowing him as a near friend paid more than ordinary attention to his views on men and things, which were given with no hesitating judgment but straight out, just as if they were incontestable pronouncements. His abundant information usually proved his ideas to be correct. Mr. Bateman passed the Major examination in July 1868, and his first business-essay was in Brondesbury. As a business man he had good ability, and had a firm belief that the man who strives to get to the top will be successful, and he was equally convinced of the ultimate triumph over all forms of commercial competition of the personal element in pharmacy. His business-life confirmed his views and showed his consistency. Twenty years ago he moved from Brondesbury to Finchley Road, which was just then opening up, and founded one of the handsomest pharmacies in London, a door or two away from a well-known store competitor. This, at the time, was considered a plucky thing to do. This pharmacy was carried on from the first day of its opening with no attempt at competition in prices, but with the personal element ever to the fore, for it was difficult to look in at 223 Finchley Road in ordinary business hours and not find Mr. Bateman there. This policy was successful, and later on he established another handsome pharmacy at Avenue Parade, about a mile higher up the Finchley Road. Towards the end of last year Mr. Bateman showed signs of overwork, and a serious nervous breakdown was feared, so rest was peremptorily ordered. He accepted his changed condition uncomplainingly, and did all he could to comply with his medical adviser's orders for rest and change; but the trouble made insidious and rapid progress towards the end of his illness, and he passed peacefully away at the house of a friend (an old assistant) last Sunday afternoon.

Dimond.—At Maryborough, recently, Miss Louise Adelaide Dimond, daughter of Mr. George Dimond, pharmaceutical chemist, Maryborough. Miss Dimond, who was a hospital nurse, died from typhoid fever.

Herington.—On April 30, Harriotte, widow of the late Joseph Herington, pharmaceutical chemist, of Leighton Buzzard, aged eighty-four.

Jackson.—At Dickson Road, North Shore, Blackpool, on May 1, Mr. Joseph Jackson, chemist and druggist. He was in business before the passing of the Pharmacy Act, 1868.

Moore.—At Monton, near Eccles, on May 4, Mr. John William Moore. Mr. Moore was formerly in business as a chemist at Hanley, having succeeded to the business of the late Mr. Chas. Jones in Lamb Street. He was also in business in Tontine Square. Some eight or nine years ago he left the town, and has since acted as dispenser at the throat hospital at Monton.

Moxon.—At Park Road, Dingle, Liverpool, on April 26, Mr. John Lawrence Moxon, chemist and druggist, aged forty-three. At the funeral on April 29, Mr. Anthony S. Buck represented the Liverpool Chemists' Association, of which the deceased gentleman was a member. Among the large gathering which attended the ceremony were numerous brother-Masons and representatives of the Sefton Park Bowling Club, to which club Mr. Moxon belonged.

Partheil.—On April 23, at Konigsberg, Prussia, Dr. Alfred Partheil, Professor of Pharmaceutical Chemistry and Director of the Pharmaceutical Institute of the Konigsberg University, aged forty-eight. Dr. Partheil began his career as an apothecary, took his degree as doctor at Marburg in 1892, and was appointed to the post he filled at Konigsberg in 1903.

Wheeler.—At Clifton, on April 28, Mr. Edwin Wheeler, chemist and druggist, for more than forty years in business at 31 Triangle, Queen's Road, Clifton, Bristol. The funeral took place on May 3.

Recent Wills.

The dates in parentheses refer to the issues of "The Chemist and Druggist" in which the deaths of the testators were reported.

Mr. Thomas Hall, Chillingham Road, Heaton, Newcastle, chemist and druggist, left estate valued at 1,161*l.* 7*s.* 9*d.* gross, with net personalty 399*l.* 10*s.* 11*d.* (*C. & D.*, April 3, p. 525).

Mr. George Balkwill, 14 Collings Park, Plymouth, pharmaceutical chemist, left estate of the gross value of 12,195*l.* 0*s.* 11*d.*, of which the net personalty has been sworn at 11,507*l.* 3*s.* 4*d.* (*C. & D.*, March 20, p. 453).

Mr. Andrew Pears, of Mevagissey, Isleworth, Middlesex, and of The Wakes, Selborne, Hants, J.P. for Middlesex, managing director of Messrs. A. & F. Pears, Ltd., left estate of the gross value of 134,402*l.* 10*s.* 3*d.*, of which the net personalty has been sworn at 79,445*l.* 16*s.* 4*d.* Among the bequests is one of 200*l.* to his works manager, Harry New; 200*l.* to his secretary, James Thomas Reeve, and a further 100*l.* per annum while he shall act in the trusts of his will. To each of his children to whom he had not already made such gift he left, on attaining the age of twenty-five years, preference shares in A. & F. Pears, Ltd., of the nominal value of 2,000*l.* His residence Mevagissey he left to his son Thomas whilst he shall occupy the same and shall be in the employ of Messrs. A. & F. Pears, Ltd., and failing such condition the premises are to be let at a suitable rental (to be paid to his son Thomas) to a person in the employ of the company (*C. & D.*, February 13, p. 256).

Information Wanted.

Inquiries for the names and addresses of manufacturers, or other trade information, not traceable by reference to the advertisement-pages of "The Chemist and Druggist" and the "C. & D. Diary," or not filed in our private register, are inserted here free of charge. Postcard or other replies to any of the subjoined inquiries (addressed to the Editor "The Chemist and Druggist," 42 Cannon Street, London, E.C.) will be esteemed.

31/59. Who are the makers of Herbert Atkinson's Otto de Parme?

31/4. Gall soap, for washing delicate material without damaging the colour: where obtainable?

34/60. Makers of "Good Samaritan" embrocation, or where obtainable?

36/5. London agents for "Antiformin," or where obtainable?

39/34. Who are the makers or agents for "Kefir Ferment Pastilles" which are made in Germany?

38/49. Where can "Ophthalmol" for the eyes be obtained?

36/61. Names of British manufacturers of hard vulcanite goods, such as nozzles of various descriptions and small vulcanite containers, square and round.

The Budget for 1909-10.

What the Various Sections of the Trade have done this week in regard to the Spirit-duty.

IN the House of Commons on Thursday, April 29, after the Chancellor of the Exchequer had delivered a Budget speech exceeding four hours in duration, motions were agreed to imposing the following new rates of duty:

Spirits (Customs).—On and after April 30, 1909, the following additional duties:

	£	s.	d.
For every gallon, computed at proof, of spirits of any description except perfumed spirits	0	3	9
For every gallon of perfumed spirits	0	6	0
For every gallon of liqueurs, cordials, mixtures, and other preparations entered in such a way as to indicate that the strength is not to be tested ...	0	5	5

The duties on the following to be raised from the rates in parentheses to the higher rates stated:

		£	s.	d.		£	s.	d.
Chloral hydrate	... ...	(0	1	4)		0	1	9
Chloroform	... ...	(0	3	3)		0	4	4
Collodion	... ...	(1	6	3)	the gal.	1	14	11
Ether acetic	... ...	(0	1	11)	the lb.	0	2	7
Ether butyric	... ...	(0	16	5)	the gal.	1	1	10
Ether sulphuric	... ...	(1	7	5)	the gal.	1	16	6
Ethyl, iodide of	... ...	(0	14	3)	the gal.	0	19	0
Ethyl bromide	... ...	(0	1	1)	the lb.	0	1	5
Ethyl chloride	... ...	(0	16	5)	the gal.	1	1	10

Spirits (Excise).—On and after April 30, 1909, the duty to be increased by 3*s.* 9*d.* per proof gal., and so on in proportion to any less quantity.

Tobacco.—Additional duty at the rate of 8*d.* per lb. was imposed, the new rates being as follows:

Unmanufactured, per lb.: (moisture 10 per cent. or more) 3*s.* 8*d.* unstripped, 3*s.* 8½*d.* stripped; (moisture less than 10 per cent.) 4*s.* 1*d.* and 4*s.* 1½*d.*

Manufactured, per lb.: cigars, 7*s.*; cigarettes, 5*s.* 8*d.*; cavendish 5*s.* 4*d.*, (manufactured in bond) 4*s.* 8*d.*; other manufactured tobacco, 4*s.* 8*d.*; snuff (moisture more than 13 per cent.) 4*s.* 5*d.*, (less) 5*s.* 4*d.*

Irish-grown tobacco, per lb.: Unmanufactured (moisture more than 10 per cent.) 3*s.* 6*d.*, (10 per cent. or less) 3*s.* 11*d.*; cavendish, 4*s.* 8*d.* Excise duty. Similar rates for tobacco grown in England and Scotland, and each grower, cultivator, or curer to take out annual licence; cost, 5*s.*

Motor-spirit.—The following new duties are imposed: On and after April 30, 1909, Customs import-duty of 3*d.* per gal., and on and after June 1, 1909, an Excise duty of 3*d.* per gal., manufacturers to take out an annual licence (1*l.*) and dealers an annual licence (5*s.*).

In the House on Monday, May 3, the following rates of duty were placed as motions on the paper, and the House passed the first (as to tea) on Wednesday evening:

Tea (Customs) up to July 1, 1910, per lb. 5*d.*

Excise Liquor-licences, on and after July 1, 1909:

Makers: Licences to be taken out annually.

Spirits, distillers of, not exceeding 50,000 proof gals., 10*l.*; for every 25,000 (or fraction) proof gals. above 50,000, 10*l.*

Spirits, rectifiers of, 15*l.*

Beer, brewers of, for sale, not exceeding 100 barrels, 1*l.*; for every 50 (or fraction) barrels above 100, 12*s.*; not for sale (house, 10*l.* to 15*l.*) and brewing for domestic use, 9*s.*; in any other case, 4*s.*

Cider, maker of, for sale, 5*l.* 5*s.*

Sweets, maker of, for sale, 5*l.* 5*s.*

Wholesale Dealers: Licences to be taken out annually.

Spirits, 15*l.* 15*s.*; beer, 10*l.* 10*s.*; cider, 5*l.* 5*s.*; wine, 10*l.* 10*s.*; sweets, 5*l.* 5*s.*

Retailers: On-licences to be taken out annually.

Spirits (publicans), 5*l.* to 35*l.*, according to population (2,000 to 100,000 or more).

Beer (beerhouse), 3*l.* 10*s.* to 23*l.* 10*s.*, ditto.

Cider, 2*l.* 5*s.* to 6*l.*, according to annual value (under 30*l.* to 100*l.* or over).

Wine, 4*l.* 10*s.* to 12*l.*, ditto.

Sweets, 2*l.* 5*s.* to 6*l.*, ditto.

Retailers: Off-licences to be taken out annually.

Spirits, 14*l.* to 50*l.*, according to annual value (same as cider, etc., above).

Beer, 3*l.* 10*s.* to 10*l.*, ditto.

Wine, ditto.

Cider and sweets, each 2*l.*

Passenger-vessel Licences: 10*l.* anaually, 2*l.* per day.

Railway Restaurant-car Licences: 1*l.* annually.

Occasional Licences: Any intoxicating liquor, 10*s.* per day; beer or wine, 5*s.* per day.

Clubs: Intoxicating liquors supplied, 3*d.* per 1*l.* of receipts.

Motor-cars: Each motor bicycle or tricycle, 1*l.*; other motor-cars, under 6½ h.p., 2*l.* 2*s.*; 6½-12, 3*l.* 3*s.*; 12-16, 4*l.* 4*s.*; 16-26, 6*l.* 6*s.*; 26-33, 8*l.* 8*s.*; 33-40, 10*l.* 10*s.*; 40-60, 21*l.*; 60 and over, 42*l.* The duty not to apply to hackney-carriage motors, nor to motors which are not carriages within the meaning of the Customs and Inland Revenue Act, 1888.

Land Values and Duties: (i.) 1*l.* in 5*l.* on increment of value on transfer, lease, or death; (ii.) 1*l.* in 10*l.* on benefit resulting at determination of lease; (iii.) annual duty of ½*d.* per 1*l.* of capital value of sites or mineral lands.

Stamps: Duties on conveyances or transfer on sale of property or leases to be doubled. So also with marketable securities. Contract notes of stock or marketable securities, 5*l.* to 100*l.* value, 6*d.*; 100*l.* to 500*l.*, 1*s.*; 500*l.* to 1,000*l.*, 2*s.*; each additional 1,000*l.* or fraction thereof, 2*s.*

Death Duties: 100*l.* to 300*l.*, per cent., 1*l.*; 500*l.*-1,000*l.*, 2*l.*; 1,000*l.*-5,000*l.*, 3*l.*; 5,000*l.*-10,000*l.*, 4*l.*; 10,000*l.*-20,000*l.*, 5*l.*; 20,000*l.*-40,000*l.*, 6*l.*; 40,000*l.*-70,000*l.*, 7*l.*; 70,000*l.*-100,000*l.*, 8*l.*; 100,000*l.*-150,000*l.*, 9*l.*; 150,000*l.*-200,000*l.*, 10*l.*; 200,000*l.*-400,000*l.*, 11*l.*; 400,000*l.*-600,000*l.*, 12*l.*; 600,000*l.*-800,000*l.*, 13*l.*; 800,000*l.*-1,000,000*l.*, 14*l.*; over 1,000,000*l.*, 15*l.* New provisions are made with respect to legacy and succession duties.

Income-tax: At the rate of 1*s.* 2*d.* per pound, and 6*d.* more on each pouad over 3,000*l.* in incomes exceeding 5,000*l.*

N.B.—The abatements and exemptions in respect to earned incomes and those less than 161*l.* remain, but no exemption, abatement, or relief is to be given to any person resident outside the United Kingdom.

The Spirit-duty.

In his Budget speech on April 29, the Chancellor of the Exchequer dealt with the experience of his predecessors, who in times of stress advanced the duty on spirits by small sums (6*d.* per proof gal.), one result of which was, apparently, to diminish the consumption, so that the revenue was not the better for the increased tax. He then said:

> It does not follow . . . that we have reached the absolute limit of the profitable taxation of spirits, or that a substantial increase in the rates of duty would not, in spite of its effects upon consumption, produce an appreciable amount of revenue. I am disposed, at any rate, to try the experiment, which, even if it ends—to take the most pessimistic view—in no larger revenue being raised from the higher rate upon a diminished consumption than by the existing rate upon the present consumption, will still, in my view, be conducive to the best interests of the nation. (Hear, hear.) It is perfectly true that the small duties imposed up to the present have not produced anything, and the reason for that is that the retailer found, probably by changes in the character of the whisky or other means, that he was able to get his money in another way, and the consumption decreased by a considerable amount. Therefore it is idle to put on anything except a fairly heavy tax. I propose, therefore, to raise the present duties of Customs and Excise by 3*s.* 9*d.* a gallon, or approximately one-third—an amount which will, on the one hand, justify an increase in retail prices, and, on the other hand, assuming such increase to be at the rate of a halfpenny a glass upon each glass of spirits sold over the counter at a public-house, will leave an ample margin for the publican to recoup himself for loss of profit arising from decreased consumption and something over towards mitigating the pressure of the new licence-duties scale. I do not expect to realise a very large amount from increased duty during the present financial year. This year there are exceptional circumstances. In the first place, the forestallments are remarkably heavy. It is not merely forestallment up to the end of the financial year, but it has been going on since, so that the wholesale dealers have in hand a sufficient stock of spirits to carry them on comfortably for a good many weeks ahead. Therefore, we shall not get much from this source for some weeks, probably for some months. That will make a very considerable hole in the yield. Not only that, but I have not the faintest doubt that the increased duty will have the effect of decreasing the consumption. It may drive a good many from spirits to try beer, and other expedients of that sort. (Laughter.) It will involve an appreciable increase of price on the commodity. Taking all these influences into consideration, I do not feel safe in counting upon receiving more than 1,600 000*l.* additional revenue as the result of the change in 1909-10.

In the course of the debate Mr. Austen Chamberlain asked the Chancellor if he proposed to apply the new duties to alcohol used for commercial purposes? To which the Chancellor replied: "It is exempt now." Mr. Austen Chamberlain: "And that complete exemption will continue?" The Chancellor: "Yes."

It seems clear from the foregoing that the Chancellor had

in view, apart from his desire to obtain increased revenue—

(1) Further taxation of spirituous liquors so as to decrease their consumption as beverages;

(2) The ultimate payment of the increased duty by consumers (the public) in higher prices charged by publicans; and

(3) That the duty would not affect the use of industrial alcohol.

It is obvious that the further taxation of duty-paid spirits which are not sold for consumption as intoxicating beverages was absent from the Chancellor's mind, and the brief interchange of ideas between him and Mr. Austen Chamberlain suggests that he was under the impression that he was merely penalising the liquors sold by publicans and spirit-dealers. Nevertheless the terms of the House of Commons resolution of April 29 embrace the additional taxation of rectified spirit, which is largely used for manufacturing medicinal preparations, and other products which are not intoxicating beverages, but are actually used in the manufacture of non-intoxicating beverages. The question, therefore, arose whether or not something should be done by the various branches of the trade which the *C. & D.* represents, and accordingly we issued the following letter on April 30:

Dear Sirs, The addition of 3*s.* 9*d.* per proof gal. to spirits, proposed by the Chancellor of the Exchequer, professedly applies to distilled alcoholic beverages, but will cover as well dutiable spirits used for industrial purposes, thus enhancing very materially cost of production. Considering that the Departmental Committee appointed by the last Government recognised the principle that users of alcohol for industrial purposes should obtain it as free as possible from taxation, and that this was substantially embodied in the Revenue Act, 1906, it seems to be desirable that all manufacturers concerned should make some representation to the Government showing how the increased duty will unduly press upon them. I need not at present go into details, for the object of this note is to ask you if you will tell me by return post, or telegraph, if you will support any representative committee which may be called upon to address the Chancellor of the Exchequer in this matter.

Replies to this letter have been received from all (with few exceptions) to whom it was addressed, and they may for convenience be named in groups.

Manufacturers of Spirituous Medicinal Preparations.

Stafford Allen & Sons, Ltd., London.
J. C. Arnfield, Stockport.
Ayrton, Saunders & Kemp, Ltd., Liverpool.
Baiss Bros. & Stevenson, Ltd., London.
John Bell, Hills & Lucas, Ltd., London.
Benger's Food, Ltd., Manchester.
Robert Blackie, London.
Bleasdale, Ltd., York.
Boileau & Boyd, Ltd., Dublin.
Brady & Martin, Ltd., Newcastle-on-Tyne.
British Drug Houses, Ltd., London.
Burgoyne, Burbidges & Co., London.
Burroughs Wellcome & Co., London.
Dakin Bros., Ltd., London.
Evans Sons Lescher & Webb, Ltd., Liverpool and London
Evans, Gadd & Co., Ltd., Exeter.
Ferris & Co., Ltd., Bristol.
Fletcher, Fletcher & Co., Ltd., London.
Gale & Co., London.
Giles, Schacht & Co., Clifton.
Goodall, Backhouse & Co., Leeds.
J. & J. Haslett, Ltd., Belfast.
W. & R. Hatrick & Co., Glasgow.
T. Hodgkinson, Prestons & King, London.
Horner & Sons, London.
Kay Bros., Ltd., Stockport.
T. Howard Lloyd & Co., Leicester.
Lofthouse & Saltmer, Hull.
Lorimer & Co., Ltd., London.
McMaster, Hodgson & Co., Dublin.
W. Martindale, London.
Potter & Clarke, Ltd., London.
Oldfield, Pattinson & Co., Manchester.
Parke, Davis & Co., London.
Pinkerton, Gibson & Co., Edinburgh.
Raimes & Co., York.
Raimes, Clark & Co., Ltd., Edinburgh.
W. Ransom & Son, Hitchin.
Reynolds & Branson, Ltd., Leeds.
Savory & Moore, Ltd., London.
Southall Bros. & Barclay, Ltd., London.
Thompson & Capper, Manchester.
Willows, Francis, Butler & Thompson, Ltd., London.
James Woolley, Sons & Co., Ltd., Manchester.
Wyleys, Ltd., Coventry.

Manufacturers and Users of Soluble Essences.

Bratby & Hinchliffe, Ltd., Manchester.
W. J. Bush & Co., Ltd., London.
Camwal, Ltd., London.
H. W. Carter & Co., Ltd., Bristol.
Duckworth & Co., Manchester.
Elliott & Howell, Sheffield.
William Hay, Ltd., Hull.
Idris & Co., Ltd., London.
Jewsbury & Brown, Manchester.
The London Essence Co., Camberwell.
W. Meadowcroft & Son, Ltd., Blackburn.
Stevenson & Howell, Ltd., London.
W. A. Wayland & Co., London.

Perfumery-manufacturers.

J. & E. Atkinson, Ltd., London.
Bayley & Co., London.
Barnett & Co., Birmingham.
M. Beetham & Son, Cheltenham.
E. R. Biggleston, Canterbury.
Breidenbach & Co., London.
T. F. Bristow & Co., Ltd., London.
H. Bronnley & Co., Ltd., London.
W. Charles, Loughborough.
F. S. Cleaver & Sons, Ltd., London.
Joseph Crosfield & Sons, Ltd., Warrington.
The Crown Perfumery Co., London.
John Gosnell & Co., Ltd., London.
J. Grossmith, Son & Co., Ltd., London.
Osborne, Bauer & Cheesman, London.
A. & F. Pears, Ltd., London.
Piesse & Lubin, London.
Rivers Hill & Co., Ltd., Broadstone.
S. Sainsbury, London.
Van Oppen, Ross & Co., London.
T. West & Son, Manchester.
Yardley & Co., Ltd., London.

Chemical-manufacturers.

A. Boake, Roberts & Co., Ltd., London.
James Boulton & Co., Ltd., Stratford.
Howards & Sons, Ltd., Stratford.
J. F. Macfarlan & Co., Edinburgh.
May & Baker, Ltd., London.
T. Morson & Son, London.
Perry & Hope, Ltd., Nitshill.
W. Pickard & Co., Ltd., Sheffield.
T. & H. Smith, Ltd., Edinburgh and London.
T. Tyrer & Co., Ltd., Stratford.
Alfred White & Sons, London.

The letters received show that of forty-five manufacturers of spirituous medicinal preparations three only express themselves as averse to any action being taken; of thirteen manufacturers and users of soluble essences one has sent a reply which may be classed as doubtful, the rest are strongly against the increased duty; manufacturers of perfumery (twenty-two) are unanimously opposed to the proposal; and eleven chemical-manufacturers, who produce certain medicinal preparations and employ duty-paid spirit in certain processes, also consider the fresh impost should be opposed.

Representative Opinions.

The following extracts from some of the letters sufficiently indicate the opinion of the manufacturing and wholesale sections of the trade:

We consider this to be a great hardship to our trade.

We shall be pleased to afford all possible support to any representative committee which may be formed.

We certainly think it would be a very advisable thing to get an exemption for manufacturing purposes, if possible.

These duties will press very hardly upon the struggling chemist, as he cannot get more for his dispensing, and as all prices must go up, his profit will be smaller than ever.

We shall be pleased to support any representative committee to address the Chancellor of the Exchequer regarding the enormous increase of 6*s.* per gal. in the duty on perfumed spirits.

We shall be very pleased to support any concerted action which may be taken by the trade on the lines of your communication, although we are very doubtful whether it will lead to any good results.

We are certainly in agreement that the duty should have applied only to distilled alcoholic beverages, and not to such spirituous preparations as are used for industrial and purely medicinal purposes.

Considering the difficult task the Chancellor had before him and the admirable manner in which he has performed it, we must decline to join in any movement that might possibly tend to increase his difficulties.

We certainly do not like this greatly increased duty. It will mean a considerable extra cost of production to us with no opportunity of recouping ourselves, as we cannot very well raise the price of our goods.

If it is possible to distinguish for purposes of duty between spirit for drinking-purposes proper and spirits for industrial purposes, I shall be only too pleased to support a committee formed to attain this end. Thanking you for the action you are taking.

We are under the impression that the Chancellor has already, in answer to a question in the House, given an assurance that industrial alcohol will not be taxed. Under these circumstances it will be unnecessary for us to join any committee to take the matter into consideration.

Your reference to the fact that the last Government recognised the principle that users of alcohol for industrial purposes should obtain it as free as possible from taxation surely refers to denatured spirit, and we do not at all see how it is practicable to distinguish pure used for industrial purposes from that which is used for beverages.

It is manifestly unfair that spirit used in industrial purposes should be taxed so enormously as it is. As you say, the tax is, of course, intended for alcoholic beverages, and the enormous majority of the revenue is obtained from this source. However, it certainly hits a comparatively few manufacturers who use it, and we shall be most glad to support you in your excellent movement.

We hasten to assure you that we shall give every possible support to any representation that may be made by manufacturers, with a view to inducing the Government to discriminate in favour of industrial alcohol. One would scarcely expect the present Government to classify medicines as luxuries, or as being solely or chiefly required by people who are indifferent to the cost.

We most cordially agree with your suggestion to support any representative committee which may be called upon to address the Chancellor of the Exchequer in this matter, and are certainly of opinion that an influential deputation should wait upon him as early as possible to explain our position as manufacturers, as this additional impost will press very hardly upon the trade.

We shall be very glad to support anything that may be done to represent to the Chancellor of the Exchequer the injustice which the advance in spirit-duty will do, not only to chemical industry generally, but also to the dispensing chemist. our feeling is that so far as the dispensing chemist is concerned this is a matter that ought to be taken up by the Pharmaceutical Society in its capacity as a corporate body.

We quite agree with you that it is most desirable that all manufacturers concerned should make a representation to the Government, and we shall be prepared to support any representative committee which may be called upon to address the Chancellor of the Exchequer on this matter. The subject is, of course, receiving our own personal attention and that of our *confrères* in the perfumery trade.

You deserve the thanks of the trade for your prompt action in regard to the new spirit-duty. We will certainly support any effort to approach the Chancellor, and will be glad to hear further from you. As methylators we are also interested in your article on p. 679 of current issue of the *C. & D.* The balance (2*d.*) of the differential duty ought to be removed and the distiller put on the same terms as the foreign maker as to competition.

We think it is very desirable that, if possible, some representation should be made to the Government showing how the increased duty will undoubtedly press upon users of spirit in industrial manufactures, and we shall be willing, as far as we are able, to support a representative committee if the Chancellor of the Exchequer is approached on this matter. It does not, however, at present appear to us at all clear how the Government can make a distinction between spirit used in the manufacture of tinctures, essences, etc., and that consumed in alcoholic beverages.

This 3*s.* 9*d.*, if it goes through, will be a great boon to the wholesale trade, and if retailers are smart they will also make it pay. It is not a question of foreign competition at all. Duty-free spirit for home work would ruin the drug-trade. Our returns and profits would be bound to fall by the amount of the duty; we not only make profit in selling the spirits, but in selling the duty, and all are equal, and the foreigner does not compete in goods containing spirit. Suppose this goes through: consider a drug-traveller selling on commission and selling the same weight of goods. His turnover would go up 5 per cent. at the least with a large increase on an established connection, and without personal effort; so with firms and companies. The retailer will be the most helpless. He will, if a Tory, have fifty reasons why he cannot increase his prices, but he must and he can with such a big advance. French perfumes, 1*s.* 1*b.* up (10 per cent.); 4-oz. Cologne, 1*s.* 9*d.* dozen, 2*d.* per bottle up, will give him profit on his 1*s.* 9*d.* Personally, I do hope the 3*s.* 9*d.* duty will go through. It will, as I say, be a real boon and profit to all who know business and do it.

We also communicated with Mr. T. H. W. Idris, M.P., who, writing from 120 Pratt Street, N.W., on May 3, said:

> I shall, of course, be very glad to support, and, if necessary, introduce, the deputation on spirit-duty that you refer to. It occurred to me that users of alcohol for industrial purposes should at once take action in the matter, and I am glad to know that you are taking the matter up. To be successful we must as quickly as possible show that we are in earnest about it.

The following letter has been sent to the Chancellor of the Exchequer by Messrs. A. Boake, Roberts & Co.:

> Budget Proposals in Respect to the Taxation of Alcohol.
>
> Sir,—This duty, we believe, was intended to apply to that large proportion of the alcohol produced in the country for direct consumption, and not to that which is used in trade and manufacture.
>
> Manufacturers of medicinal extracts, flavouring-essences, and kindred preparations use alcohol merely as a solvent, and in the course of their manufacture a considerable loss unavoidably occurs, hence the question of duty to them is one of very serious moment.
>
> We pay at present 11*s.* 5*d.* per proof gal., which would be increased by the proposed taxation to 15*s.* 2*d.*, a very serious increment.
>
> You are doubtless aware that there has been a movement on foot for some time past to place British users of spirit for industrial purposes on an equal footing with foreign manufacturers, who are allowed to use industrial spirit free of duty. That it is not the Government's intention to hamper industries is evident from the fact that in the proposals of the Chancellor the Exchequer, laid before the House of Commons, yesterday, an abatement of the duty on petroleum-spirit used by commercial vehicles is provided for.
>
> We trust, therefore, that you will use your best endeavours to obtain an exemption for alcohol used in trade and manufacture from an increase in Excise-duty.
>
> We would conclude by reminding you that manufacturers using alcohol are already under the observation of the officers of the Inland Revenue; this fact would facilitate any supervision that might be necessary, without adding further expense.

To Concentrate the Efforts.

It was subsequently suggested to us that the machinery of the London Chamber of Commerce should be utilised to further the objects of the inquiry. We accordingly had conversations with Mr. C. A. Hill (Secretary of the Drug Club), Mr. Reginald Howell (who has moved in the matter as regards soluble essences), and Mr. Thomas Tyrer (Chairman of the Spirit Committee, which unites for common action the Society of Chemical Industry and the Chemical Section of the London Chamber of Commerce, whose Chairman, Mr. J. C. Umney, and Vice-Chairman, Mr. D. Lloyd Howard, are out of town at present). As a result we arranged with Mr. Kenric B. Murray, Secretary of the London Chamber of Commerce, to call a meeting at the offices of the Chamber in Oxford Court, E.C.

MEETING AT THE CHAMBER OF COMMERCE.

In accordance with the arrangement mentioned above a meeting representative of the various interests was held at 4.15 p.m. on Wednesday, when the following signed the attendance-book:

Messrs. Henry Gadd (Evans, Gadd & Co., Bristol and Exeter); F. A. Powell (Thomas Powell, Ltd.); W. Johnston (representing the P.A.T.A.); J. Meadowcroft (W. Meadowcroft & Son, Ltd.); John Stow (John Stow & Co.); Chas. Umney (chairman of Wright, Layman & Umney, Ltd.); A. T. Sainsbury (S. Sainsbury); Jas. Aldridge Holdsworth (Osborne, Bauer & Cheesman); J. Guest Cleaver (F. Cleaver & Sons, Ltd.); H. A. White (London Essence Co.); J. E. Saul (Savory & Moore, Ltd.); E. Theodore Brewis (Stafford Allen & Sons, Ltd.); Thomas D. Morson (T. Morson & Son); Charles A. Dunn (Geo. Curling, Wyman & Co.); H. E. Stevenson (Baiss Bros. & Stevenson, Ltd.); Wm. Stevenson and Reginald Howell (Stevenson & Howell, Ltd.); J. M. Bush and C. T. Taylor (W. T. Bush & Co., Ltd.); C. J. Boake (A. Boake, Roberts & Co., Ltd.); Peter MacEwan (Editor the *C. & D.*); Bernard T. Howard (Howards & Sons, Ltd.); James W. Ewing (Duncan, Flockhart & Co.); E. J. Millard (C. J. Howlett & Son, Ltd.); J. D. Thomson (Crown Perfumery Co.); Jas. Clark (Burroughs Wellcome & Co.); J. W. Clark

(Barnett & Foster); Eugene V. Barrett (J. & A. Atkinson); Chas. Rivers Hill, Walter Hills (John Bell, Hills & Lucas, Ltd.); C. A. Holderness (Parke, Davis & Co.); Hugo Lorenz; H. Woolley (Jas. Woolley, Sons & Co., Ltd.); F. Ransom (W. Ransom & Son); S. Morgan (C. R. Harker, Stagg & Morgan); Henry Potter (Potter & Clarke, Ltd.); H. A. Thompson (Willows, Francis, Butler & Thompson, Ltd.); W. L. Howie, Chas. Alex. Hill, and G. B. Francis (British Drug Houses, Ltd.); J. Grossmith; Breidenbach; Thomas Tyrer; and some others who did not sign.

Mr. E. J. Boake suggested that Mr. Thomas Tyrer be asked to take the chair, and this was unanimously agreed to.

The Chairman, at the outset, invited an expression of opinion as to whether the meeting should be considered a private or a public one. Personally he thought that the more publicity the proceedings had the better it would be.

The meeting having signified willingness that the proceedings should be open, the Chairman said that by a strange coincidence he occupied the same position he did on that occasion at a meeting held in the same building more than twenty years ago when the conditions discussed were very similar to those they had met to consider that afternoon. The subject was the use of alcohol duty-free, or practically so, and under conditions for industrial purposes. A great deal had happened, a good deal of water had passed under London Bridge, and much had been accomplished since then. The ball received the kick twenty or twenty-one years ago, and the various trades interested certainly took the opportunity to give the Excise and the various authorities such an amount of educational assistance that they had been induced from year to year to give facilities for the use of alcohol for these purposes, and in that respect there was now very little to be desired. But there was now the great fact to be faced that any increase of the already heavy duty of 10*s.* 6*d.* was a very serious matter. He did not pretend to possess a sufficiently intimate knowledge of the whole requirements of the subject to express any definite opinion upon it; but he did think that they owed a debt of gratitude to Mr. MacEwan, of The Chemist and Druggist, in whose brain originated the idea of sending out a circular letter to the firms concerned. That gentleman paid him the compliment of asking his opinion of the letter. In his letter to him Mr. MacEwan suggested that the place of meeting should be the Cannon Street Hotel, but it immediately occurred to him that that was scarcely the place to hold a meeting of such importance. In the second place he thought that as the Chamber of Commerce had machinery by means of which most important work had been done in previous years, that it, as well as its premises, should be utilised for the purpose of the meeting. There was an additional advantage, and that was that supposing anything had to be done, the Chamber machinery was well known in Government departments, no less than the Excise and the Exchequer. The Chairman then invited Mr. MacEwan to explain what he had done and to give them some account of the replies he had received to the

Letters He had Sent Out.

Mr. MacEwan reminded the meeting that last Friday the Chancellor of the Exchequer submitted to the House of Commons a motion which was passed putting on an additional 3*s.* 9*d.* per proof gal. on plain spirits, and correspondingly higher duties upon other spirituous products. In putting the proposal, the Chancellor of the Exchequer said:

> I propose, therefore, to raise the present duties of Customs and Excise by 3*s.* 9*d.* per gallon, or approximately one-third, an amount which will, on the one hand, justify an increase in retail prices, and on the other hand, assuming such increase to be at the rate of a halfpenny a glass upon each glass of spirits sold over the counter at a public-house, will leave an ample margin for the publican to recoup himself for loss of profit arising from decreased consumption and something over towards mitigating the pressure of the new licence-duty scale.

Subsequently, Mr. MacEwan continued, the Chancellor explained to Mr. Austen Chamberlain that "the complete exemption of alcohol for commercial purposes will continue." The further taxation of duty-paid spirits which were not sold for consumption as intoxicating beverages seemed to have been quite absent from the Chancellor's mind. Nevertheless the fresh duty applied all round, except to denatured spirits. "In these circumstances," Mr. MacEwan continued, "it was represented to me, as Editor of The Chemist and Druggist, that some effort should be made to obtain a consensus of trade opinion—manufacturing and wholesale—and my letter of Friday last was issued. I need not refer to its contents, but practically all to whom it was sent have replied by letter, telegram, or telephone. Out of forty-five manufacturers of spirituous medicinal preparations three are averse to any action being taken. Of thirteen manufacturers and users of soluble essences one submits without a protest, and the rest suggest that some action should be taken. Twenty-two perfumery manufacturers are in favour of an appeal to the Chancellor, and ten chemical manufacturers who use spirit also support the suggestion that the question should be considered. Thus four only out of the ninety who have written think that nothing should be done and that the matter should drop. I have received very many expressions of opinion, and I have picked out a few, irrespective of which side they are on. As you are aware there has been some doubt as to whether or not the increased duty is to affect industrial alcohol—that is, denatured spirit. The duty will not apply to that, which was made clear by the Chancellor last night in reply to a question by Mr. Thorne." Mr. MacEwan went on to say that the replies seemed to justify the calling of the meeting. ("Hear, hear," and applause.) Mr. Tyrer had explained to them what had happened since, but meanwhile he had communicated with Mr. Idris, who was willing to do what he could. He had had to leave for Wales that morning, but wrote assuring the meeting of his hearty support. The Pharmaceutical Council had that day decided to make representations through its Parliamentary Secretary to the Chancellor on behalf of the retail chemists. The previous day there was a private meeting at the Chamber of Commerce of the perfumery manufacturers, and they decided upon a course of action the result of which was published in the newspapers of that day. He desired to add that his position in the matter was solely that of a catalytic agent. In all that they heard he trusted that the undoubtedly great interests involved in the proposals of the Chancellor would be considered in such a way that they of the manufacturers and wholesalers might get some recognition of the principle from the Chancellor that a tax on whisky need not include tincture of rhubarb, and alcoholic hair-wash, or alcohol used for flavouring temperance beverages. ("Hear, hear," and laughter.)

The Chairman asked if Mr. MacEwan could tell what the Pharmaceutical Council had done.

Mr. MacEwan suggested that Mr. Walter Hills, a member of the Council, might explain matters. He added that last December Mr. Lloyd George made a speech in Liverpool in the course of which he said that an increased duty on intoxicating beverages might be necessary. He wrote then to the Chancellor putting the question of industrial alcohol particularly before him, and there was a little note in the *C. & D.* at the time in regard to the matter, warning the manufacturers to look out. Since the Budget speech he had again written to the Chancellor, expressing generally what he had already told them.

The Chairman: What sort of answer did you get?

Mr. MacEwan: The answer was one that one might expect from a Chancellor who has to frame a Budget—a polite acknowledgment. (Laughter.)

The Retailers' Position.

Mr. Walter Hills said that the matter had the earnest attention of the Pharmaceutical Council the previous evening. He thought he might say that, speaking for retail chemists, while great objection was expressed with regard to the Chancellor's proposals, and those only who are retail chemists, perhaps, knew what difficulties there are, and would be, in getting from the public the tax which they had to pay, especially in dispensing charges. Also having regard to the fact that the poor, undoubtedly, in the hospitals and so forth, would have to pay a very much higher scale for their medicines, a point which might appeal to the Chancellor. The difficulty which occurred to the Council was this—if they made any direct appeal to the Chancellor, what proposals had they to make which would overcome his difficulty, assuming that he must have the spirit-tax

for national purposes? He thought he might say, without giving the Council away, there was a certain feeling that possibly any practical suggestions that he or they might make would be rather adverse to the interests—the pharmaceutical interests—of the retail chemist. By this he meant that while it might be quite possible to consider a scheme by which certain large houses who manufacture on a large scale might, under certain conditions, have some rebate, it would be impossible for the thousands of retail chemists, who might make their own preparations, to secure their rebate. Thus, to a certain extent, it might be disadvantageous from the retailer's point of view, although it might be in the interests of the wholesale and manufacturing houses if some action were successfully taken. That, briefly, was the line of the Councils' discussion, and the conclusion at which they arrived was to ask their Parliamentary Secretary to put himself in communication with the proper authorities and see if he could get a step "forrarder," and also to ascertain if there was any possibility of getting any sympathy with their views on large and catholic grounds. They had not yet seen their way to propose a deputation from the Society to the Chancellor direct.

The Chairman remarked that Mr. Hills's observations embraced a revival of the old idea which was very aptly employed some years ago by Mr. Charles Umney, who used to say, "manufacture in bond"; but nothing had practically been done in that way. Mr. Hills's reference to large manufacturers revived the idea; but whether they should now have any more success in the direction indicated or whether they would be looked upon with less suspicion in high quarters was quite a problem. He then asked Mr. MacEwan to outline a suggested resolution.

Before reading the following, Mr. MacEwan explained that it was drafted merely as

A Basis for Discussion.

It embraced all manufacturers of those preparations on which drawback and allowances are paid on exportation:

> This meeting of manufacturers of spirituous medicinal preparations, manufacturers and users of soluble flavouring essences, perfumery manufacturers, and chemical manufacturers, who use duty-paid spirits in their processes, express their regret that the Chancellor of the Exchequer, in increasing the duty on spirits by 3*s.* 9*d.* per proof gal., with the object of obtaining further revenue from consumers of intoxicating spirituous beverages, has, by the terms of the motion agreed to by the House of Commons on April 29, included duty-paid spirits used in our industries, either as solvents or preservatives, and not as stimulants. This meeting also resolves to appeal to the Chancellor to consider the possibility of differentiating spirits used in the preparation of medicines, non-intoxicating beverages, fruit essences, and perfumery from spirits prepared and sold as stimulants.

The Chairman then invited representatives of the various industries mentioned in the draft to speak to it or on the general question.

Flavouring-essence Trade.

Mr. Boake observed that one effect the proposed imposition would have upon the trade in flavouring essences, which, he did not think, had ever been contemplated by the Chancellor, was that it had been found necessary to advance the price of soluble essences generally. That imposed a tax upon the user of the essences and also upon the consumer, and now they had their teetotal friends having to pay a portion of a great excise duty. (Laughter.) He did not know if the Chancellor intended that.

Mr. Walter Hills said the same point had struck him as Mr. Boake had mentioned.

The Chairman: Having heard the draft resolution, do you take the view that the Chancellor of the Exchequer might listen to your arguments? Are our arguments sufficiently powerful? Because if they are not there is no use getting up an academic motion and going before him with almost nothing. Therefore I think we should have very clear notions, and that we should express them for the guidance of each other. This is not a mutual admiration society, or one in which we need have the slightest fear of trouble arising from trade rivalry and competition. We are hear to deal with a matter which is very serious. It may be regarded as a foe to our interests, certainly to our profits. We ought to look it in the face and see if it cannot be met effectually and logically. We ought not to go unprepared. In fact to do so would only spoil our case in the future, and the authorities would have reason to turn round and say "these fellows do not know their business."

Manufacturers of Spirituous Medicines.

Mr. Charles Umney, speaking as one who had some experience in the preparation of medicinal articles and flavouring-essences, expressed his confidence that while a good many of the flavouring-essences were used for purposes connected with medicine, the larger percentage of them, he might almost say 95 per cent. of them, were put into liqueurs. If they went before the Chancellor of the Exchequer—and they had a perfect knowledge of these matters at Somerset House—they would be faced with the question, "Are not these flavouring-essences used for flavouring liquors, and ought not they therefore to pay the duty contemplated?" He did say that, so far as medicine was concerned, the increased duty involved a very serious impost. But the contribution medicine made to the Revenue was very small. He did not suppose that it contributed more than 3 per cent. of the amount of 16,000,000*l.* paid in duty on spirit. He did not know if Somerset House had any figures, but his estimate was that the amount was very small indeed. Of course, he did not mean to associate in this connection the alcohol used for the production of chloroform and certain ethers. In any case the amount at issue was so small that it would neither make them nor break them. If they approached the Chancellor on the question of flavouring-essences, knowing, as they did, the purposes for which they were used, he was sure they would damage the medicine case very seriously. He was not very much in the practice of medicine just then, but he had had a good deal of experience of it in the past.

Mr. MacEwan explained that in the connection mentioned by Mr. Umney the majority of letters he had received from the users of soluble essences indicated that the bulk of those products is used in the production of aërated beverages—lemonade, ginger ale, and other things of that nature.

Mr. Howell, replying to Mr. Umney, said that the percentage of essences used for flavouring liqueurs was about 5, not 95. It is certainly not more than 10 per cent. at the outside. He spoke from experience in his own business. He had also to point out that the liqueurs had afterwards to pay the full duty. The essences did not form the bulk, but only a small portion of the liqueurs on which the whole duty was charged.

Mr. Umney said that even taking the percentage at 10, assuming that the concession suggested were allowed, was there anything to prevent a man using a tincture for liqueurs or for the flavouring of aerated waters? Having made the concession to one they must have it made to the other. He was certain that they should not mix up flavouring-essences with the medicine question.

Perfumes: A Weak Case.

Mr. Barrett remarked that he should like the inclusion of perfumed spirits in the class that had been read to them. Much as he should like to join in the representations that were to be made he really felt that perfume-manufacturers had a weaker case than the essence-makers. He reminded them that eau de Cologne and perfumed spirits and waters contained potable spirits, and if any of the makers were fraudulent enough they could avail themselves of the opportunity that was open to them and compete with the whisky seller. He should be delighted if any gentleman could show him that there was the slightest chance of their coming off with the representations they might make to the Chancellor of the Exchequer by getting him to give them alcohol free for all their manufactures; but he doubted very strongly if they would have a leg to stand upon. All that Mr. Umney had said about the essences applied with even fuller force to perfumes.

Mr. Umney pointed out that the Chancellor would take the view that perfumes are a luxury, but that medicines are a necessity.

Hospitals.

Mr. Gadd thought they had a strong case for a rebate in connection with medicines, particularly as the new impost would fall very heavily upon the poor. The public would not like to be asked to pay fivepence for their tincture instead of fourpence as formerly. He was having considerable experience in hospital work, and the addition to the duty was affecting them very seriously. He hoped they would get up a case confining their views to medicinal preparations. He was of opinion that they would carry their point in view of the fact that so small a portion of the spirit was used compared with the general consumption of alcoholic drinks.

Mr. Walter Hills said that what he was waiting to hear was, supposing the resolution was restricted to the alcohol used in medicine, how could the Chancellor of the Exchequer carry it out? That was what those at Bloomsbury Square wanted to know. If he were the Chancellor of the Exchequer he would say to them, "I have sympathy with you, absolutely, with regard to medicinal preparations; but can you tell me how my Department or the Inland Revenue Department can make this a practical concession to you?"

Mr. Gadd thought that the difficulty could very easily be overcome. The authorities could place the manufacturers under a heavy bond not to use the spirits unless for medicinal purposes. The concession would necessitate such a bond; but they had at present to come under one in other directions.

Mr. Walter Hills: In reply to Mr. Gadd, I would ask if the 6,000 or 7,000 retail chemists who are encouraged to make their own tinctures throughout the country are all to enter into such a bond in order to help the Chancellor of the Exchequer? I want to look at the whole question from a practical point of view.

Another speaker remarked: How is the default to be brought home to the defaulter? That is the point for the Chancellor. If he allows free spirit to come into competition with the duty-paid spirit he will find some difficulty.

The Chairman having mentioned that the Chancellor proposes that the motor spirit tax be 3*d.* for private motors, and 1½*d.* for commercial motors, said it is inconceivable that he had proposed such a divergence without having taken some sort of advice as to how he was to give effect to it. The same method of differentiation might be applied to alcohol. He then asked Mr. C. A. Hill, Secretary of the Drug Club, to express his views.

Further Difficulties Raised.

Mr. Hill remarked that many medicinal preparations mentioned in the B.P. were frequently used as flavouring-essences—tincture of orange, essence of peppermint, and so forth, were examples. It was, therefore, difficult to see how a hard and fast line was to be drawn as to what was a medicinal preparation and what was not. Speaking purely as a manufacturing pharmacist and wholesale druggist, he thought that the difficulties in the way of a concession being made, assuming that the Chancellor were disposed to give it, were insuperable. Most of them made soluble flavouring-essences as well as medicinal tinctures. All wholesale druggists did so, so that it would be necessary to divide their business into two departments to start with. Perhaps it would be better, in dealing with the resolution, to consider certain questions. In the first place, he asked, was the resolution to be submitted as it stood?

The Chairman: It would be better if you take it generally.

Mr. Hill: Then is there to be any representation made to to the Chancellor of the Exchequer at all?

The Chairman: That is what the meeting has to decide.

Mr. Hill: Then I would ask, What interests are to be represented? Are they to be bulked together; and if the manufacturers and wholesale druggists are to be represented, what concessions are to be asked for, and on what grounds? Taking the second part of the resolution and the last, on what grounds are we to ask this concession? Will not it be put to us, "How are you hardly treated?" Proceeding, Mr. Hill said there was no doubt that anyone who handled strong spirit for manufacturing volatile and other products stood to lose more when the duty was high. There was always a loss in manufacturing. He submitted that that loss fell upon the manufacturer: but it was a difficult thing to reinsure it. Another point was that some of the products of wholesale druggists and manufacturing pharmacists contained alcohol or dutiable substances produced from alcohol in quantities too small to enable them to advance their prices. This resulting loss also fell upon the manufacturer. But it must be agreed that on the whole the increased duty was recharged. Then there was the position of the retailer, which had been raised by Mr. Hills. Although that was a meeting of manufacturers, he believed it was more difficult for the retail chemist to recharge the duty than for manufacturers to do so. "But I think," Mr. Hill went on to say, "they must recognise that this increase of duty is so great that they must make up their minds to charge it to the public, and be firm about it." ("Hear, hear," and applause.) Mr. Gadd gave an instance which, if it is to be taken as typical, would go to show that the retailer in selling one ounce of tincture would make a charge which would more than recoup him for his extra cost. It would seem, therefore, that for the greater part the consumer will pay the tax. What, then, were the grounds of their deputation to the Chancellor? He did not attempt to answer the question as to how the difficulty was to be got over. At present it seemed, as he had said, insuperable; but he did not say it would be insuperable. No doubt it would be met by the brains of the Inland Revenue people in the same way as they were going to get over the petrol difficulty, but he did not know how it was to be done. He also mentioned the increased licence duty which manufacturers would be called upon to pay. He had very carefully read the report of the Chancellor's speech in "The Times," and in some ways he could not understand it. (Laughter.) He believed they would have to pay some small increase of licence duty—a duty put on intentionally for licensed houses, brewers, and so on; but this did not seem any reason why manufacturers of medicinal preparations should pay a higher licence duty. If there was an increase, possibly it would be too small to be worth the appointment of a deputation. Such as it might be, it would fall upon the manufacturers and not upon the retail trade. He did not wish to seem ungrateful to those who had brought them there. The subject they had met to discuss was an important one and ought to be ventilated, but he felt, as a manufacturing chemist, that they should not have a ghost of a chance in approaching the Chancellor of the Exchequer.

Wholesaler *v.* Retailer

Mr. H. E. Stevenson thanked Mr. Hill for the great interest he had taken in the subject, but he was sorry he had to differ from him in one respect. Sufficient importance had not, in his opinion, been given to the differentiation between the manufacturer of spirituous preparations in wholesale quantities and in retail quantities. A good deal had been made about the impossibility, more or less, of recovering the tax in a practical manner when the preparations were manufactured on a wholesale scale. To his mind there was no insuperable difficulty. The ideal form would be to have the permission of the authorities for the manufacturer for export in bond to receive the spirit as at present under certain conditions, and to manufacture in bond. He did not know if it would be well to incorporate that in the resolution, but he believed his suggestion would overcome the difficulty in a considerable degree. He recognised that it ought to be quite possible, with certain restrictions, to control the spirit used by wholesale manufacturers, of course under a heavy bond. He could not see any insuperable difficulty standing in the way of this. The only difficulty that did occur to him was the differentiation between the wholesale and the retail pharmacist. Of course, such regulations as he had suggested would probably be impossible on a small scale, and this was where the crux of the whole question would come in.

Mr. Webb was of opinion that wholesale manufacturers would not suffer very much from the increased impost. The Chancellor of the Exchequer had had to raise a large sum of money, and he was glad that in the case of spirits he had put on a large instead of a small amount, because it enabled the manufacturer to recover it upon nearly everything they manufactured. On this ground

he did not think they had very much to complain about. At the same time the retail trade would have a considerable amount of difficulty in recovering the increased duty, and if manufacturers could assist them in any way most of them would be glad to do so. With reference to the licence duty, he agreed with Mr. Hill that they should protest against any increase.

THE DISTILLERS' DISCOUNT.

The Chairman, referring to the licence-duty, stated that he had received from Messrs. Nicolson & Co. a circular letter directing the attention of their customers to the resolution of the London distillers, which, they added, had been necessitated by the harsh action of the Chancellor of the Exchequer in so largely increasing the rate of duty, and also in increasing a special tax. (A voice: "That's the point.") The resolution referred to expressed the regret of the distillers that, owing to the action of the Chancellor, they were forced to reduce the rate of discount to one month at the rate of 1 per cent. per annum on accounts paid in seven days. The Chairman went on to say that on receiving the communication he telephoned to Messrs. Nicolson, and the answer he received was that they were at present paying a ten-guinea licence for any quantity of spirit they might issue. By the new rate they would have to pay ten guineas on a 50,000-gal. production, and an extra 10*l.* for every 25,000 gals. above that amount. If his memory served him aright, manufacturing and wholesale druggists had also at present to pay a ten-guinea licence. It was simply a registration-licence, where payment of 1*l.* might suffice.

Mr. Umney pointed out that in addition to the licence there were very heavy bonds.

Mr. Hill asked if he was right in assuming that Messrs. Nicolson were simply rectifiers of spirit rather than distillers.

The Chairman pointed out that the two branches mentioned by Mr. Hill had, by law, to be conducted in departments distinct and separated from one another.

Mr. Umney remarked that Mr. Nicolson had informed him that the two months' discount was given on the duty as well as the spirit, but foreigners only gave it on the spirit. The reduced discount would amount to a good round sum in the course of the year.

Mr. Herman Woolley was of opinion that it would be very difficult to obtain any concession. Medicines had always paid the same duty as whisky, and if it had paid 11*s.*, there was no reason why it should not pay 14*s.* 9*d.* No doubt considerable hardship would be imposed on poor people, hospitals, and charitable dispensaries, and perhaps in making chloroform and ether from pure spirit; but at the same time he was afraid it would be very difficult to make any difference between medicines and other spirits. Every wholesale druggist in that room made medicines, soluble essences, lavender water, and all that sort of thing. The difficulty as regards duty could be met by dividing their premises into two portions—one for industrial alcohol, and another for the manufacture of medicinal preparations. In this way they might obtain the concession, but it would be very difficult.

THE RETAILERS' POSITION.

Mr. W. Johnston, as one of the Secretaries of the P.A.T.A., stated that many of the members of that organisation had asked him to make representations to the Chancellor of the Exchequer on the matter of the spirit duty. They had pointed out the great hardship of having such a large additional tax as 6*s.* a gallon to pay on eau de Cologne, and suggested that the Chancellor should be approached with the request that he should ease the burden a little. Mr. Johnston reminded the meeting that the P.A.T.A. represented 4,000 retail chemists, and that it would be very difficult for them to recover the increased duty. The public were very averse to pay any rise in the price of their ordinary drugs. Indeed, they thought the chemist was trying to swindle them if he made an attempt to pass the duty on to them.

The Chairman: You should remember Mr. Hill's axiomatic observation: "You have got to make them pay it, and be firm about it."

Mr. Johnston: Firmness is a virtue, but it is not always practicable. Continuing, he said that, seeing the meeting was such a fine one, it would be a pity to depart without appointing a deputation to wait upon the Chancellor.

Mr. J. E. Saul said his feelings were strongly in favour of some action being taken, but he had been very much impressed by the remarks of Mr. Hills and one or two others. It seemed to him that the retail pharmacists of this country would be doing a fatal thing if they decided to take no action in the matter; but as far as he could see, differentiation in the incidence of the duty would throw the whole manufacture of tinctures and other articles entirely into the hands of the wholesale trade, and that from their standpoint would be a very bad thing for pharmacy. With regard to the question of perfumery, he was at one with Mr. Umney. Perfumery was purely a luxury, and it would be absurd to ask the Chancellor of the Exchequer to interfere with the duty payable on it.

After a brief conversation, it was agreed to take a vote on the point as to whether or not any representation should be made to the Chancellor, and it was ultimately agreed to take a show of hands.

AËRATED-WATER MANUFACTURERS.

Mr. Clark (of Messrs. Barnett & Foster) regretted that some older representative of the soluble essence trade than himself had not spoken, and expressed the view that it should no more be a hardship to the public to have the increased duty on spirits used in essences and medicinal preparations passed on to them than it was in the case of tobacco and spirits for consumption; but he did not see how this could be passed on.

Mr. Duckworth said that if they were going to have a reduction of the duty, it would be a hardship on the trade. The Chancellor of the Exchequer, in framing his proposals, had taken into consideration that he should make the increased duty sufficiently high to enable the manufacturers to pass it on to the consumers. They, as manufacturing chemists, ought to be thankful that he had taken this view of it. He had been sufficiently long in the business to have had two sixpences per gallon put on, and, as manufacturers had been unable to advance the price of their products on this, they had to bear the loss.

THE RESULT.

A vote was then taken, when it was resolved by a large majority that no resolution be put.

The Chairman expressed agreement with Mr. Duckworth, that the Chancellor of the Exchequer had put on something that they could do something with. This helped them to forgive the Chancellor for some of the stupidities of his Budget, including his proposed tax on petrol. (Hear, hear.)

On the motion of Mr. Potter, a vote of thanks to the Chairman and to Mr. MacEwan was unanimously carried.

Increased Prices.

Pharmaceutical - chemicals manufacturers and wholesale druggists have during the week intimated advances on such of their products as are made from or contain alcohol. These are quoted in our Trade Report. The work of adjusting the prices of spirituous galenicals is heavy, and practically new lists have to be prepared; but the following are typical examples of the increases per lb. made by a leading firm:

Ext. bellad. liq., 7*d.*; ext. case. sag. liq., 3*d.*; ext. ergotæ liq., 4*d.*; ext. glycyrrhiz. liq., 2*d.*; ext. ipec. liq., 9*d.*; ext. nucis vom. liq., 5*d.*; ext. opii liq., 2*d.*; S.V.R. is up 6*s.* per gal.; 25*s.* 4½*d.* being the quotation for 60 o.p.

As to retail prices, we have received several communications, which we quote:

The Army and Navy Co-operative Society, Ltd., have made no advance on the price of spirituous preparations, but will do so when the stocks are replenished.

A leading Manchester firm state that they are averse to advancing prices of spirituous medicines in the meantime, but will follow the makers of perfumes in their advances.

Mr. T. Maltby Clague, of Newcastle-on-Tyne, gives the following method of calculating the advance:

To Doctors, etc.—Percentage strength divided by ten = extra price per lb., *e.g.*:

90-per-cent. tinctures, etc.: $\frac{90}{10}$ = 9*d.* increase per lb.

60-per-cent. tinctures, etc.: $\frac{60}{10}$ = 6*d.* increase per lb.

Retail.—Where possible get 1*s.* per lb. more for rectified and 6*d.* for proof.

"Where possible!" Ah, there's the rub which chafes me sorely! It is the hardest hit the retail pharmacist has had since I knew the business.

The Nottingham and Notts Pharmaceutical Association has issued a circular to members in order to secure uniformity of action, recommending an immediate minimum advance from May 4 as follows:

On sweet spirits of nitre and all tinctures, etc., made with rectified spirit, 1*d.* per oz.

On tinctures prepared with spirit of lower strength than 90 per cent., ½*d.* per oz.

Eau de Cologne, lavender-water, etc., should also be advanced at similar rates.

A Dundee correspondent writes: "Only a very few chemists here (whose political perceptions were alive to the situation) were careful to order a supply of spirit in advance of the Budget, and the others now regret they had not given the order for 'ten gallons at the old price.' Bailie Doig is of the opinion that all spirit which is used for medical purposes should be entitled to a special exemption. The question of contracts, which has an interest for some firms in Dundee, has also arisen, but it would appear that the present contractors are protected by special legislation. The opinion was expressed by some chemists here that the price of some 90-per-cent. tinctures was much lower (on the old basis 4*d.* per oz.) than they should be."

At a meeting of the Exeter Board of Guardians on May 4, a letter was read from Messrs. Burgoyne, Burbidge's & Co., London, contractors to the Board, intimating that the increase in duty influences all the tinctures, liquors, liniments, infusions, ethers, etc., and under the contract a charge corresponding with the increase would be made from that date. The communication was referred to the Finance Committee.

A private meeting of the North Staffs Chemists' Association was held on Wednesday to discuss the situation. The Three Towns Association is discussing the matter on Thursday evening. (*See also* Association Affairs.)

Mr. Robert Drane (Cardiff) declares the impost will mean to him a loss of 16*l.* to 18*l.* a year, and that cannot be recouped, as he can neither charge more for medicines or give smaller measure. Mr. Leo Joseph also says the tax is not sufficient to justify an increase in price in the case of a very large number of preparations, though the difference in cost to the pharmacist will be no inconsiderable trifle in the course of a year.

A wholesale druggist in Edinburgh in an interview said that the advance of from 6*d.* to 1*s.* 6*d.* per lb. on spirituous medicines would greatly increase the expenditure of hospitals and all such institutions. What wholesalers are mostly concerned about, however, is the licence duties, which if considerably advanced will mean a still further increase in the price of medicines. [The new licence will cost 15*l.* 15*s.* a year. Editor *C. & D.*] Edinburgh retailers have advanced prices 1*d.* and 2*d.* per oz.

Mr. J. J. Taylor (Ashford, Kent) has sent the following letter to his member of Parliament:

> Dear Sir, It is probable that the Chancellor of the Exchequer has overlooked the fact that the pharmacist will be considerably taxed by the new duty upon alcohol, and that if he had considered it he would have exempted him just as he has the user of motor-spirit for other than pleasure. I trust you will put this communication before him. It will be a direct tax of which a very small amount will be recovered by him from the public, for he cannot, as an instance, charge an extra 1*d.* upon every 1*s.* bottle of medicine. The pharmacist has already been considerably injured by the present Government first in allowing others to use his old title of chemist and druggist, and secondly in taking away some part of his privilege (privilege, which he understood when he qualified were to be wholly his, and were among the inducements which led him to adopt his profession) by allowing tradesmen to sell poisons under licence and, strange to say, the most potent poisons! I trust you will use your influence for the redress of this latest injury. Yours, etc., J. J. T.

We have received many more notes and letters, but have no room for them this week.

Altogether we judge that 1*d.* an oz. on the retail price of full strength spirit preparations, and ½*d.* at least on others, is necessary to recoup retailers. There should be no hesitation in doing it either.

Messrs. McCracken, agents for J. M. Farina's eau de Cologne (gegenüber), inform us that 1*d.* in the shilling is added to the protected retail price, so that the minimum for the 4 oz. size is now 2*s.* 2*d.*, instead of 2*s.* (and, accordingly, the new prices for other sizes are 2 oz., 1*s.* 1*d.*; 8 oz., 4*s.* 4*d.*; wickered bottles, 6 oz., 3*s.* 3*d.*; 12 oz., 6*s.* 6*d.*; 24 oz., 13*s.*). The extra duty per dozen 4-oz. bottle works out at 1*s.* 8⅔*d.* per dozen, and, accordingly, 1*s.* 9*d.* per dozen is added to the wholesale price, making it 21*s.* 6*d.* instead of 19*s.* 9*d.* Other sizes in proportion.

The Perfumery Trade.

A preliminary meeting of manufacturers of perfumes was held on Monday to discuss what should be done in view of the increased duty on spirits, and another meeting was convened at the London Chamber of Commerce on Tuesday afternoon at three o'clock to continue the conference, Mr. Eugene V. Barrett (Messrs. J. & E. Atkinson, Ltd.) presiding. The meeting was private and lasted nearly two hours, with the result that the following resolution was agreed to:

> That in view of the increased duty recently imposed upon spirit, and of the general increased cost of raw materials, all invoices issued by them for home trade business as from May 1, 1909, shall be surcharged on their face with a special minimum net addition of 10 per cent. reckoned upon the gross catalogue value of all extracts, lavender-waters, eau de Cologne, hair-washes, and other alcoholic preparations. The usual trade discounts and allowances to remain unaltered.
>
> That a copy of this resolution in circular form, with all the signatories' names, be communicated to the trade, and
>
> That the resolution, with the list of signatories, be sent for publication to The Chemist and Druggist, "British and Colonial Druggist," and the general Press through the London Chamber of Commerce, which shall be requested to hold the original signed document containing the signatures.

J. & E. Atkinson, Ltd.	Jules Denoual & Co. (for Claude Raynaud et Cie Grasse).
Barnett & Co.	Rivers, Hill & Co., Ltd.
Bayley & Co.	Lescol Perfumery Co.
Breidenbach & Co.	J. Grossmith, Son & Co.
H. Bronnley & Co., Ltd.	Osborne, Bauer & Cheesman.
W. J. Bush & Co., Ltd.	Piesse & Lubin.
S. Claber & Co., Ltd.	Eugene Rimmel, Ltd.
F. S. Cleaver & Sons, Ltd.	S. Sainsbury.
Courvoisier, London.	Yardley & Co.
Crown Perfumery Co.	
John Gosnell & Co., Ltd.	

The Week's Poisonings.

Eleven fatalities (including three misadventures) have been recorded from poisoning during the week.—Chas. Stanhope Smelt (48) was found dead in his room at the Half Moon Hotel, St. Neots. Medical evidence showed that death was due to morphine-poisoning. An unopened tube containing twenty ¼-grain morphine-tablets was found in his waistcoat-pocket. Misadventure, said the jury.—At Bradford a servant named Mary Carter, who was tired of domestic service, ended her life by taking a number of pills containing morphine and inhaling coal-gas. "Suicide," said the jury.—Thomas Raynor (41), an ex-soldier, died at Langley from an overdose of chlorodyne.—An unknown man died at Hendon from the effects of three or four ounces of carbolic acid which he had swallowed for suicidal purposes.—Fred H. B. Day (40) committed suicide at Horfield by taking a corrosive poison, which was probably carbolic acid.—The wife of a Twickenham labourer named Robt. J. Montgomery asked her husband to bring home "some oxalic acid to clean the brasses." She committed suicide by taking the acid on the following day.—The jury returned a verdict in accordance with the medical evidence at the inquest held at Wakefield on the three-days-old daughter of John Walkington, a gas-stoker. Dr. Forrest stated that death was due to inanition, probably accelerated by narcotic poison. The mother had administered to the child a small teaspoonful of a cordial which contained in that dose probably 1½ drops of laudanum. He could not say that the child, which was apparently healthy, would have lived if the cordial had not been given, but he was certain the stuff could not have been other than injurious.—Charles Petherick (76) died at St. Austell from kidney-disease. At the inquest the jury stated that his death was accelerated by drinking a liniment containing ammonia in mistake for a sleeping-draught.—An open verdict was returned at the inquiry into the death of Mary Ann Wright (44), who died from the effects of taking salt of lemon.—James Ayres (65), house-decorator, committed suicide at South Woodford by taking spirit of salt.—Alfred Harding, of Handcross, used a wasp-poison for lethal purposes with suicidal intent.

Degree in Pharmacy.—Principal MacAlister intimated at a meeting of the Governors of the Technical College at Glasgow on May 4 that it was the intention of the Glasgow University to institute a degree in pharmacy. He thought the Technical College was the most suitable place for the necessary classes.

Westminster Wisdom.

A Record of Parliamentary Progress.

Chemical Exports to Japan.

In the House of Commons on Tuesday afternoon, Mr. T. H. W. Idris put the following question to Sir E. Grey :

To ask the Secretary of State for Foreign Affairs, if he is aware that the British exporters of chemicals and medicines to Japan complain that the chemists of the Japanese Sanitary Bureau in the laboratories at the principal ports of entry frequently reject imports of chemicals and medicines on insufficient grounds, whereby the British exporters suffer financial loss without redress; if he is aware that German exporters have experienced the same hardship, and, in consequence, the Council of the Society for the Protection of the Interests of the German Chemical Industry has addressed the Imperial Chancellor asking him to make representations to the Japanese Government for the purpose of removing these difficulties; and, in view of these circumstances, if he will take steps to protect the interests of the British chemical industry by suggesting to the Japanese Government the appointment of a board of appeal to consider objections to the decisions of the Japanese Customs chemists.

Sir Edward Grey stated, in reply, "The answer to the first part of the question is in the affirmative; to the second in the negative. His Majesty's Ambassador at Tokio is at this moment investigating the matter."

We understand that one of the principal objections raised by the Japanese Sanitary Bureau is based on the question of analysis. British goods which before exportation to Japan have been found to satisfy the requirements of the Pharmacopœia Japonica have on arrival, owing to climatic and other conditions, deteriorated so that their rejection has followed. This view of the case has been duly laid before the Foreign Office by the British exporters, and representations have now been made to Sir Claude Macdonald, the British Ambassador in the Japanese capital, which, it is hoped, may produce the desired result. A report from his Excellency is now being awaited in Downing Street, and this, it is understood, will contain an expression of opinion as to the advisability of establishing a Board of Appeal from the decisions of the Japanese authorities, as suggested in the interrogatory of Mr. T. H. W. Idris, M.P. Another matter in regard to which it is understood the Japanese Sanitary Bureau has taken exception has reference to the question of tinned goods, a veto being placed upon all consignments of this class in which the solder contains more than 6 per cent. of lead.

Medical Acts Amendment Bill.

This measure, which deals with the administration of anæsthetics, has been effectually blocked, no fewer than seven motions for its rejection being placed on the papers in view of the second reading. As the Government has no intention of giving the Bill their support it may be regarded as dead, at all events for the Session.

New Taxes.

We are informed that when the Committee stage is reached Mr. Joynson-Hicks, M.P. (Chairman of the Motor Union), will move the abolition of the motor-spirit tax or, failing that, the allowance of the full abatement on petrol used for commercial purposes.

In the House of Commons on Tuesday Mr. Lloyd George stated, in reply to a question by Mr. Nolan, that the new duty will apply to spirits of whatever origin. "I regret," he added, "that I cannot see my way to exempt those produced in the British West Indies." In reply to Mr. W. Thorne he said that alcohol used for manufacturing purposes is excepted by the Bill of last year. He asked for notice of a question about relieving Colonial spirit of the 4*d*. per proof gal. surtax on importation.

Holidays and Rest Days.

We are informed that the Bill which was introduced in the House of Commons on Wednesday afternoon by Mr. L. Lever to amend the Bank Holidays Extension Act of 1875 provides that in cases where Christmas Day falls upon Sunday the two following days—Boxing Day and the Tuesday—shall become statutory Bank Holidays. A Weekly Rest Day Bill has also been introduced this week by Mr. Charles Price.

Observations and Reflections.

By "Xravser."

Mr. Boot's "Foreword"

has naturally attracted attention. As a rule an Act of Parliament only excites discontent even among those who had clamoured for it if they have not obtained all they demanded. It is a particularly happy circumstance that all those who wrangled over the Poisons and Pharmacy Act of 1908, the representatives of the Pharmaceutical Society, Mr. Boot, the Whitehall magnates, the manufacturers of poisonous compounds for agricultural and horticultural purposes, seedsmen, statesmen, lawyers, and the newly created pharmacists, are all so sweetly satisfied with the prizes they have drawn. Was there ever such a beneficent statute before? Mr. Boot is probably justified in claiming that the Bill would not have passed without his co-operation, and those pharmacists who have been letting themselves go at dinners in rejoicings over the new era which began on April the First are logically bound to grasp the hand which he so cordially holds out. There may be a few insignificant little chemists up and down the country, small and frowzy, who do not get to the dinners and have not therefore caught the enthusiasm, who will find it difficult to accept the generous invitation of this prosperous gentleman with the hundreds of thousands of electric lights to "work side by side" with him, "to their mutual benefit," with the eagerness which ought to be manifested; but against their possible resentment may be placed the improved position of the branch managers over which Mr. Boot is good enough to say he will rejoice. Such then is the "new era"; one for capitalists and branch managers; and I am afraid pharmaceutical posterity will agree with Mr. Boot.

Mr. Bellot's Treatise,

which the "Foreword" is supposed to introduce but does not mention, cannot be regarded in its present condition as creditable, as a legal handbook, to either author or publisher. The writer has evidently intelligently apprehended and appreciated the many points which have arisen in interpreting the Pharmacy Acts during the past forty years, and his interposition of notes of cases under other Acts in order to explain this one is to the advantage of the reader. But a bias in favour of company trading is manifest in several of his comments—as, for example, in his remarks on the reservation of the title on p. 30, and in his history of the proposed legislation of the past ten years (pp. 76-78). In his quotations of cases under the Apothecaries Act he misses the definition of an apothecary by Justice Cresswell which guided the Courts in several prominent cases thirty years ago—that an apothecary was one who judged of internal disease by symptoms and applied himself to relieve these by medicines. He gives the "Veterinary Forge" case on p. 43, but omits the equally authoritative one of "Veterinary Chemist" decided soon after. He mis-spells various names, and makes the strange blunder of giving the draft regulations under Section 2 of the 1908 Act instead of those which were subsequently issued by the Privy Council with authority.

Mr. Stevenson's Records

of longevity in the drug-trade show that it must have been a fairly prosperous one at all events in the past. But the dates he gives of the establishment of some well-known inns, if they are authentic, make us a poor second, if even we are as good as that. There is one other business, however, which can give us both a few centuries and a beating, and that is the profession of monarchy. One would not have supposed from the conditions under which it was, and indeed is, carried on, that this would have been the healthiest of occupations, and yet there are at least three families represented to-day on European thrones—namely, the Bourbons, the Hohenzollerns, and the Hapsburgs—which can trace descent, not always direct, but in the respective families, and more or less continuity in the business, for almost if not quite a thousand years.

PEROXIDE of HYDROGEN

(Kingzett's Patent Preserved).

Reduction in Price.

We have pleasure in announcing a great improvement in quality and a large reduction in the price of this article. We are now prepared to supply 16-oz. bottles (to retail at 1/3) to the trade at 10/- per dozen, subject to our usual carriage regulations.

The selling price is protected at 1/2½.

THE "SANITAS" COMPANY, Ltd.
Locksley St., Limehouse, London, E.

G. S. MUMFORD, FARRINGDON RD., LONDON, E.C.

No. 1 Finest Pure CRUSHED LINSEED	20/cwt.	Finest Pure STARCH POWDER	22/cwt.
No. 2 Pure CRUSHED LINSEED	19/cwt.	No. 1 Finest Light Pure PRECIPITATED CHALK	25/cwt.
Best Cleaned LINSEED (TEA)	19/cwt.	EPSOM SALTS, E.S.S. Purified, Clean, and Dry	11/6cwt
No. 1 Finest Pure FULLER'S EARTH (Light Colour)	15/cwt.	Finest Levigated "WHITE EARTH" (Toilet purposes)	18/cwt
Finest Compound LIQUORICE POWDER	8 & 1/lb.	Finest Pure TOILET OATMEAL, SPECIAL	32/cwt.
Finest Pure LIQUORICE JUICE	/10 lb.	Finest ARROWROOT	1/ lb.
BICARB. SODA Finest	15/cwt.	FULLER'S EARTH (In Dredgers)	/1 /2 & /6

JEWSBURY & BROWN'S ORIENTAL TOOTH PASTE

'NYTO' Kills NITS.

See STAND No. 75, CHEMISTS' EXHIBITION.

Wholesale Distributors:
T. F. BRISTOW & CO., LTD.
St. James Walk, Clerkenwell, LONDON, E.C.
For Scotland: LORIMER & MOYES, Ltd.
191 Argyle Street, GLASGOW.

Mr. A. L. POTTER, of

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who is visiting London in May and June, will be pleased to interview any Manufacturer desirous of being represented in Australasia.

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PATENTS AND TRADE MARKS.

There are many worrying difficulties to be overcome in connection with the Registration of Trade Marks and the grant of Letters Patent, which members of the Retail and Wholesale Drug Trade can avoid by consulting an efficient agent, who would undertake all the trouble for an inclusive fee and obtain protection in the United Kingdom and abroad. Advice in the first instance free. Pamphlets gratis.

REGINALD W. BARKER.
56 Ludgate Hill, London.

S.V.M. METHYLATED SPIRIT Also RECTIFIED SPIRIT. **S.V.R.**

Jas. Burrough Ltd. *Cale Distillery, Hutton Road, LAMBETH S.E.*

FLETCHERS' HYDROBROMATES.

The titles "Syr. Hydrobrom." and "Syr. Hydrobrom. c. Strychnia" were originated by us in the year 1879 and can only be legitimately applied to FLETCHERS' HYDROBROMATES. Legal proceedings will be instituted against any firm or person dispensing or offering for sale fraudulent imitations of FLETCHERS' SYRUPS.

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Editorial Comments.

The Budget.

The Chancellor of the Exchequer has to find seventeen millions more revenue in 1909-10, and he is raising fourteen millions odd by new taxation and holding three millions from the Sinking Fund. The taxes are detailed on p. 703. The additional 3*s*. 9*d*. per proof gal. on spirits will hit all sections of the drug-trade rather heavily, and the proposed higher rates for off wine-licences (3*l*. 10*s*. for premises under 30*l*. annual rental, up to 10*l*. for 100*l*. or over, compared with 2*l*. 10*s*. at present) will seriously interfere with the sale by chemists of so-called "medicated wines." When the Chancellor last December foreshadowed the increased duty "on stuff that enfeebles the constitution and shatters the brain," we suggested that "it would be well for manufacturing chemists, wholesale druggists, and others interested to take time by the forelock and show the Chancellor the necessity for safeguarding industrial interests" (*C. & D.*, December 26, 1908, p. 973).

As the duty now imposed applies to all distilled spirits except denatured spirit, we have addressed a letter to the Chancellor which we may quote as reviewing the position of those whom we represent :

The Right Hon. D. Lloyd George, M.P., Chancellor of the Exchequer.

Sir,—On December 24, 1908, I addressed you in regard to the probable increase in spirit-duty, expressing the hope that in anything that might be done in amending the law dealing with the consumption or sale of alcoholic beverages the use of duty-free alcohol for industrial purposes would be protected. This was acknowledged on December 29.

The increase of the spirit-duty by 3*s.* 9*d.* per proof gallon now proposed somewhat seriously affects the drug-trade. I gather from your speech on April 29 that in this proposal your desire is to tax intoxicating spirituous liquors, such as brandy, gin, rum, whisky, and other spirituous beverages, and you expressed the opinion that the consumer will ultimately pay.

I venture to point out to you several directions in which the duty will fall heavily upon the manufacturers and sellers of preparations which are not intoxicating beverages without recoupment from the public.

In regard to retail chemists and pharmacists, I may state that tinctures and other spirituous medicines will cost from 6*d.* to 1*s.* or more per lb., and except in cases where these are sold *per se* (when the retail prices may be increased by ½*d.* and 1*d.* per oz.) it will not be possible to get back the duty from the public. In dispensing medical prescriptions these tinctures, etc., enter in fractional portions of an ounce, and as in the majority of cases the charges are fixed, the dispensing chemist will not be able to transfer to the consumer the fraction of a penny which the ingredients cost him in each case, but the sum of these fractions will in the course of a year amount to as much in the case of each individual chemist as his income-tax.

The same result happens in the case of a large number of medicinal and toilet preparations in which spirit is used as a solvent. Here the prices of the articles are fixed, and the increased duty on the spirit in them, while being small relatively to the retail price, will amount to a large sum per annum off the manufacturer's profits.

In the case of aërated beverages, such as lemonade and ginger-ale, the consumption of which I believe it to be your desire to encourage, the matter is most serious to the manufacturer. In the production of these syrups are used which contain soluble flavouring-essences of about proof strength, in the proportion of 2 oz. of essence to the gal., and 1 oz. to 2 oz of the syrup is used for each bottle. The small fraction of a penny per dozen in increased cost of production cannot be transferred to the retailer or consumer, so that the result of the sugar-duty, which heavily penalised manufacturers of aërated beverages, is likely to be repeated.

May I also call your attention to the fact that manufacturers of perfumery work a long way ahead in the production of their novelties, and have in many cases computed and published the prices of goods which have been sold for forward delivery? I have received communications from twenty-five manufacturers of perfumes, and some of them tell me that the immediate loss to them will be so great as to make the year's trading practically profitless.

I trust that it may be possible for you to give these matters consideration, with the view to devising some means whereby the additional tax intended to apply to intoxicating liquors shall not press unduly upon users of alcohol for beneficent and other purposes, so different from the matters outlined in your Budget speech.

The increase in the off-wine licence-duty is also rather serious for chemists, who have to sell wines which are medicated, but not sufficiently so to be free from licence-requirement. Is it not possible to create a medicated-wine licence for chemists only?—I am, yours faithfully,

The Editor.

Elsewhere in this issue we give particulars of correspondence with nearly a hundred manufacturers, as a result of which a meeting was held at the London Chamber of Commerce on Wednesday afternoon, and a full report of it appears in this issue. The chief result of the meeting was a demonstration of the fact that once having surmounted the difficulty of getting allied sections of the upper ranks of the trade together, there is still the difficulty of getting them to agree upon a common line of action. The reasons for this are sufficiently set forth in our report, and all that remains for us in the matter is to express satisfaction that so large a number of influential manufacturers and wholesalers came together under Mr. Thomas Tyrer's astute and guiding presidency.

It is somewhat in the nature of a forlorn hope to attack a question of this nature after the tax has actually been voted by the House of Commons, and in view of the distinct national need for more money. But we have had in view the fact that the details of the fresh duty have to be arranged for the Finance Bill, and that now is the time for consideration by the authorities of proposals for reasonable modification of the incidence as regards spirits which are used for purposes so different from those outlined in Mr. Lloyd George's Budget speech. Although manufacturers and wholesalers have debarred themselves to the major degree from official consideration of their position by the advances of their prices which they have published, there is considerable regret even among them that this course was determined before Wednesday's meeting. It is probable from the consideration put forward by Mr. Walter Hills that the interests of wholesalers and retailers in any scheme of differentiating potable spirits from medicinal spirits are difficult to reconcile. The revenue imposts in connection with tax-concessions break the back of the little man, who in this case is the retailer. During the week we have received numerous communications from this section of the trade. We should like those who have written to take this as an acknowledgment.

Monopoly Camphor.

Our Tokio correspondent sends us a newspaper paragraph giving a translation of an article that has appeared in the Japanese "Asahi" published at Osaka. The paragraph in question makes the remarkable allegation that the well-known Suzuki company, who are refiners of Formosan camphor, are in league with the Formosan Government to undersell its product on the London market with the object of obtaining the monopoly of the camphor-business into their own hands, but investigation which we have made on this side points to the charge being exaggerated. It appears that under the Camphor Monopoly law there eight firms only are allowed to refine camphor. Among these refiners the Suzuki company have been allowed to refine the Formosan product, and the others that of Japan proper. The quantity to be refined and the price are regulated by the authorities in order that the demand shall not be exceeded by refiners. Recently, however, the Suzuki company managed, it is said, to obtain permission to produce crude camphor by using the name of another firm, and thus defied the regulations forbidding the same persons to produce both crude and refined camphor. It is then asserted that the Suzuki company commenced a raid on the customers of the Mitsui company, who are the agents for the sale of Formosan crude camphor on behalf of the Government, but this, we learn from Messrs. Mitsui & Co., is untrue. The facts of the case appear to be that earlier in the year the Suzuki company were undoubtedly offering refined camphor in Europe (especially London) through brokers at very low prices and at irregular intervals, but the offers were subsequently withdrawn, and it is even said that in some cases the transactions were not completed. However true this may be, the Japanese refiners have taken up the matter, and one Kobe firm have obtained documentary evidence from London representing the actual state of affairs, and forwarded it to the Department of Finance. Undoubtedly, the Suzuki company have been in a favoured position, and the fact that they have been able to "cut out" the Japanese refiners by their manœuvres has caused considerable heartburning in Japan. Evidently something of an involved nature has taken place between the Formosan Government

and the refiners, the outcome of which is difficult to foresee. Rarely does the price of monopoly crude camphor fluctuate nowadays, the last alteration being in November 1908, when values fell to 135*s.* to 140*s.* c.i.f. as to grade, and even at these figures the monopoly only sell for forward delivery. It has, in fact, always been the aim of the monopoly to prevent fluctuations as much as possible, and as a result of this policy speculation does not now exist so far as they are concerned. Moreover, their business is confined to certain regular customers—celluloid-makers and camphor-refiners—of whom there are between twenty and thirty in Europe, and, of course, the main idea of the monopoly is to supply these firms, without any over-production—*i.e.*, to bring production approximately near to consumption. Hitherto, synthetic camphor and the supplies of China crude have prevented the attainment of this object, but signs are not wanting that users of late have been compelled to buy from the monopoly, as synthetic camphor has been almost driven off the market, and China is no longer able to send forward supplies in sufficient quantities to prevent business going to the monopoly. As a fact, the stocks of China camphor are very small, and this, together with the recent good consumptive demand, accounts for the distinct improvement that has taken place during the past six weeks.

Agri-Horticultural Poisons.

Notices of Application

for licences under Section 2 of the Poisons and Pharmacy Act have been lodged with the local authorities named. The dates appended in parentheses are those of the advertisements, which have to be published before the applications are lodged. The licence is not to be granted until fourteen days after the receipt of the application.

Subscribers and others would oblige us by sending information with reference to these or other applications. Copies of newspapers containing the advertisements of applicants would also be esteemed.

We have been asked what chemists should do in regard to applications. They should address the members who represent their divisions on the Councils of the localities which have the power to grant or reform licences. The points to impress are (1) proximity of registered chemists to the premises of the applicants and (2) readiness of chemists to supply the poisons under statutory conditions at market prices.

Abbey Town (Cumberland).—Thos. Garner, general merchant.

Accrington.—F. Holt, florist, etc. (*see* Applications Refused).

Alnwick.—Michie & Co., nurserymen. (April 30.)

Alston.—J. J. White.

Ashford (Kent).—Chas. Peter Dunster, sheep-dipper, Stone-in-Oxney.

Bexley Heath (Kent).—C. W. Higgs.

Blackburn.—J. E. Freeman & Co., seedsman, 10 New Market Street.

Bootle (Cumberland).—J. Harrison, grocer, etc.

Bower (Caithness).—Wm. Dunnett, merchant, Bowermadden.

Buchlyvie (Stirlingshire).—Jas. McPhie & Son, general merchants.

Bunbury (Cheshire).—James Coleysmith, drug and general stores.

Bunessan (Argyllshire).—Chas. Macquarrie & Son, general merchants.

Caldbeck.—Tomson, bacon-curer.

Camberley (Surrey).—F. Street, nurseryman, Heatherside.

Cambridge.—Hillier & Co., seedsmen, etc., 8 Market Street.

Campbeltown.—Wm. Reid, ironmonger, 34 Longrow. (April 29.)

Carlisle.—Fairbairn & Sons, nurserymen, 83 English Street; J. Clementson, 69 Alexander Street.

Carradale (Argyll).—Keith Campbell, merchant. (April 24.)

Castletown (Caithness).—D. C. Murray, merchant.

Ceres (Fifeshire).—Alex. Smith, merchant.

Charlton (Worcestershire).—Needham & Co., Ltd., agri-horticultural merchants.

Chelmsford.—Saltmarsh & Son, nurserymen, etc., 11 High Street.

Chester.—Peter Burtonwood and Chas. Jones, ironmongers and seedsmen, 2 Brook Street.

Colonsay (Argyllshire).—D. McNeill, general merchant, Scalasaig.

Conon (Ross).—David Munro, merchant. (April 30.)

Cottenham (Cambs).—Ezra J. Todd.

Cromdale (Morayshire).—R. Grant (R. Grant & Co.), general merchant and seedsman.

Dervaig (Argyllshire).—Malcolm Macdonald, general merchant.

Dingwall (Ross).—Alex. Henderson, ironmonger and seedsman. (April 30.)

Dorking.—Stone & Turner, ironmongers, 98 High Street and 62 West Street; A. Chalcroft, seedsman, 38 South Street.

Eastbourne.—Alfred Jas. West and T. Durrant Young, nurserymen and seedsmen.

Eastleigh (Hants).—Hy. Bazeley, nurseryman, etc.

Edinburgh.—Jas. Fraser (Cunningham, Fraser & Co.), 45 Queensferry Street; W. H. Massie (Dicksons & Co.), 1 Waterloo Place; J. Stuart (Jas. Dickson & Sons), 46 Hanover Street; J. Downie Adair (John Downie), 75-77 Shandwick Place; Hugh Hanan, 9 Bank Street; Thos. Elliot (R. M. Henderson), 38-40 Grassmarket; Robt. Laird (R. B. Laird & Sons, Ltd.), 17A Frederick Street; J. Methven (Thos. Methven & Sons), 15 Princes Street; Jas. C. Stuart (Stuart & Co), 6 Melbourne Place; Wm. Thomson (Wm. Thomson & Co.), 3 Melbourne Place; Mr. Thos. G. Tillie (Tillie, Whyte & Co.), 12 Melbourne Place—all seedsmen.

Faversham.—Henry S. Tett & Co., Ltd., ironmongers, 10-11 Market Street.

Fearn (Ross).—Jas. Gordon, baker, grocer, and draper. (April 30.)

Gloucester.—G. Winfield & Son, nurserymen, 154 Westgate Street.

Gosforth (Cumberland).—Jas. J. Armstrong, grocer and seedsman.

Grantham.—Chas. Sharpe & Co., Ltd., seed-merchants; W. & J. Brown, nurserymen, Westgate.

Guildford.—Carling, Gill & Carling, Ltd., ironmongers, Guildford and Godalming.

Haltwhistle.—Towill & Sons.

Hamilton.—Campbell & Sons, seedsmen, 27 Campbell Street.

Hastings.—Mary J. Gilbert, florist, trading as George Gilbert, F. J. Smith, 8 Silchester Road and St. John's Road, St. Leonards, and The Floral Glen, Hastings.

Hawes (Yorks).—Simon Moore, general merchant.

Hayward's Heath.—Grimsdick & Son, nurserymen.

Hesket-Newmarket (Cumberland).—Wm. James, general merchant.

Hull.—Millar Bros., 20 Market Place; E. Dixon & Sons, Ltd., Parogan Square—both nurserymen, etc.; Toyne & Sons, florists, etc., 8 Parogan Square.

Invergordon (Ross).—Wm. Paterson, ironmonger. (April 30.)

Kelsall (Cheshire).—Walter Dale, Drug-stores.

Kendal.—Moffat & Thompson, C. & M. Pickles, C. S. Webb, and J. Heath.

Kilmartin (Argyllshire).—Alex. Ross, general merchant.

Kirkbride.—Joseph Johnston, wool-buyer.

Kirkby Stephen.—George T. Brown.

Latheronwheel (Caithness).—Donald Sutherland, merchant.

Leicester.—G. Shaw, ironmonger, 71 Granby Street; H. W. Gibson, Gallowtree Gate.

Lesmahagow (Lanarkshire).—Cairns & Menzies, ironmongers.

London.—Gilbert Beale (Jas. Carter & Co.), 97, 237, 238, and 246 High Holborn, W.C., and 53A Queen Victoria Street, London, E.C.; Hobbies, Ltd., 17 Broad Street Place, E.C.—both nurserymen and seedsmen; A. Robinson, florist, etc., 35 Camomile Street, City (April 26-27); W. Workman, Secretary of the Army and Navy Auxiliary Co-operative Supply, Ltd. (April 30.) Jas. Nash, nurseryman, Belvedere Nursery and 11 High Street, Wimbledon.

Lumphanan (Aberdeenshire).—Robt. Moir, general merchant. (April 28.)

Malvern.—T. Norris, seedsman, Clarence Road; Needham & Co., Ltd., horticultural merchants, 1 Belle Vue and Malvern Link.

Manchester.—J. R. Baxter & Co., seedsmen and nurserymen, 25 Oxford Street.

Marlow.—Jas. Chalk (Newman & Chalk), ironmonger and seedsman, 28 High Street. (April 27.)

Melton Mowbray.—John B. French, seed-merchant.

Millom (Cumberland).—W. T. H. Cartwright, saddler.

Monaghan.—Patton, ironmonger.

Newcastle-on-Tyne.—Balfour & Son, nurserymen, etc.

Newcastle-under-Lyme.—E. Jenkinson (M. Jenkinson & Son), seedsman, Ironmarket.

Northwick.—Wm. Boosey & Son, seed merchants.

Over (Winsford, Cheshire).—Ed. Burman Newton, 72 Delamore Street.

Penrith—Herd Bros., seed-merchants; Thomas Shepherd, grain and seed merchant; Charles Slack, Culgaith.

Penybontfawr (Montgomeryshire).—R. Roberts & Sons, seed and iron merchants, grocers, etc., The Stores.

Perth.—Garvie & Syme, Lindsay & Fenwick, J. & D. Barlass, J. & R. Smail—ironmongers; Dickson & Turnbull, Alexander & Brown, Wm. Watt—seedsmen; Campbell & McLagan, wholesale grocers and seed-merchants; Leitham & Davidson, merchants.

Pitlochry.—Chas. C Stuart & Son, and John Langlands—both ironmongers, etc.—Pitlochry and Moulin.

Preston.—Wm. Troughton, seedsman, 154 Church Street; P. W. Heyes, 93a Fishergate, and I. Titterington, Ribbleton Nurseries, both nurserymen.

Rothbury.—Hunter, Saddler & Co., ironmongers.

Salisbury.—Wilton Bros., ironmongers, 17 Canal; Main & Sons, New Sarum House—both seedsmen; J. Rawlings & Son, nurserymen, 26-28 High Street and The Nurseries, Laverstock. (April 30.)

Shap.—Southworth & Sons, grocers.

Sheffield.—J. A. & M. E. Peirson, florists.

Shrewsbury.—E. Foley-Murrell, Owen C. Murrell, and P. B. J. Murrell, trading as Edwin Murrell, nurseryman, etc., 17 High Street and Portland Nurseries.

Silloth.—J. Maxwell & Sons, manure-manufacturers.

Sittingbourne.—Hy. S. Tett, ironmonger, 61 High Street.

Sleaford.—Chas. Sharpe & Co., Ltd., seed-merchants.

Stafford.—Geo. Wilkes, seedsman and florist.

Stourbridge.—Fredk. A. Godfrey, nurseryman, High Street.

Sudbury (Suffolk).—Chas. Cundy, nurseryman, etc., 9 King Street.

Tain (Ross).—W. G. Holmes, nurseryman, etc. (April 28): Donald Ross (Wallace, Frazer & Co., ironmongers).

Tebay.—William J. Wharton.

Tonbridge.—Francis Webber, nurseryman, 11 Quarry Hill Road.

Thurso.—Richd. Lindsay, merchant.

Tyrone.—Several applications (*see* Applications Considered).

Warminster.—Thos. Hy. Harraway, nurseryman.

Warwick.—Thos. Marsh, nurseryman, etc.

Weybridge.—Pedley & White, ironmongers.

Whaley Bridge (Cheshire).—A. S. Shawcross, Hadfield Fold.

Whitehaven.—J. G. Steele, grocer and seedsman.

Whithorn.—J. B. McGibbon; Wm. Gibson; Robert Gibson—ironmongers; George B. Drape, saddler and ironmonger; John McCleary; E. E. Macvea. (Owing to a correspondent's error these applications were given under Wigtown last week.)

Winchester.—C. W. Breadmore, seedsman, 120-140 High Street; Rawlings, Sons & Co., 26-28 High Street; and Lowerstock Nurseries.

Wolverhampton.—Bakers', nurserymen, Lichfield Street.

Worcester.—Needham & Co., Ltd., agricultural and horticultural merchants, Lowesmoor Wharf and 7 St. Nicholas Street.

Yetholm (Roxburghshire).—Jas. S. Laidlaw & Co., general merchants.

Consideration of Applications.

Belfast.—A deputation representative of the Pharmaceutical Society of Ireland, organised by the local members of the Council, waited on the Police Committee of the Belfast Corporation on April 29. The deputation consisted of Messrs. James Horner Haslett, William C. Dobbin, D. W. Elliott, L. Murray, James Guiler, J. B. Hay, R. W. McKnight, A. Wilson, Thomas Kennedy, M. McDonald, and Robert Barron, pharmaceutical chemists, and Messrs. James Tate, William Doig, William Jamison, W. J. Hardy, and Thos. M. Moffit members of the Pharmaceutical Council. The deputation was introduced by Councillor Wm. McMullan (Thomas McMullan & Co.). Mr. James Tate and Mr. W. C. Dobbin then addressed the committee, pointing out that in Belfast there are considerably over a hundred qualified chemists and druggists keeping open shop, who are by education, training, and examination the proper persons to deal in poisonous substances and for the safety of the public no application for licences from unqualified persons should be considered. It was urged that the Poisons and Pharmacy Act was not intended to apply to centres where the requirements of all classes of the public are amply supplied by qualified men, and they quoted Subsection 2 of Section 2 in support of this contention. The speakers considered that this meant that no licences should be granted in Belfast, where the varied requirements of agriculturists and horticulturists are so fully catered for by a large section of the pharmaceutical chemists and registered druggists, and could only refer to a few remote districts where there was a paucity of qualified poison-sellers. Dr. J. D. Williamson (Chairman) observed that he did not altogether see where the great danger was in handing out sealed packages of poisons for specific purposes under the regulations of this Act. To this Mr. Doig and Mr. Hardy replied, the former also drawing attention to the Arsenic Act and the latter quoting from a letter of Mr. T. W. Russell, M.P., to the effect that the Agricultural Department of Ireland was in favour of adequate safeguards against dotting shops all over the country where facilities exist for the sale of sheep-dip, and that Mr. Russell believes Clause 2 is an adequate safeguard against the undue expansion of facilities for the sale of these substances. The Chairman informed the deputation that the committee would carefully consider their views when dealing with applications for licences under the Act. A letter from the Pharmaceutical Society was also read, and consideration of it deferred.

Bristol.—Several applications are under consideration in addition to the two already granted. The local Chemists' Association has memorialised the Watch Committee of the Town Council that the provisions of the Act are permissive, and that there is no need in Bristol for increased facilities for the sale of poisonous substances.

Bromley.—The proprietors of Winton's Drug Co., 17 Market Square, have written to the Town Council pointing out that there are four chemists carrying on business within a few doors of the applicants for poison-licences. The letter will be considered in conjunction with the applications.

Cumberland.—The County Council have consented to receive Mr. T. Ridley, of Carlisle, and Mr. T. W. Townley, Keswick, as a deputation from the chemists to oppose the granting of the licences.

Edinburgh.—The Public Health Committee's recommendation to grant thirteen poison-licences came before the Town Council on May 4. It was decided, after discussion, to accede to the request of the objecting chemists and to hear their counsel.

Frizington.—County Drug Co.

Glasgow.—An interesting development has arisen in Glasgow in connection with the applications for Section 2 licences. A number of applications have within the past few weeks been lodged with the Town Clerk, and these, in accordance with the Act, have been intimated to the Chief Constable, who—as in the case of others interested—is entitled to lodge objections within fourteen days. Objections, it appears, have been lodged on behalf of a number of chemists and druggists, and it is understood that the applications and objections will be considered at a special meeting of the magistrates next week. Parties may be heard personally or through an agent.

Kendal.—The Town Council on April 27 received a report from the Watch Committee, which referred to the regulation provisions as to licensing premises where food for human consumption is sold. A sub-committee, which had made inquiries, recommended that the matter should be referred back to the Committee for further consideration. In the discussion which ensued it was stated that the Watch Committee would not be given power to grant or refuse licences. The matter was referred back, and Mr. E. Farrer gave notice that at the next meeting he should move that in view of the reasonable facilities already existing in the town no licences should be granted.

Kilkenny.—A letter from the Registrar of the Pharmaceutical Society of Ireland was considered by the Urban Council recently. The Registrar wished to know by what authority the Council claimed the right to issue licences under the Poisons and Pharmacy Act, since by Section 2, Subsection 4, they may only be granted by the "Council of the County." The Town Clerk said that the Urban Council had not as yet received copies of the Act, but he had obtained a loan of one from the Secretary of the County Council. After he had read Section 4 of the Act (which as regards Ireland deems the local authority to be the County Council), Alderman McCarthy remarked, "Ireland is a nonentity in the eyes of the British Parliament." The Mayor added, "Tell them our population is over ten thousand, and that we are entitled to issue licences." The Town Clerk was instructed accordingly.

Lancaster Town Council has decided to have a detailed report upon the Act prepared by the Town Clerk, and to invite the applicants for licences and the representatives of the Chemists' Association to the meeting of the Diseases of Animals Committee when the question of granting licences is considered.

Maidstone.—The Town Council on April 28 considered a letter from Mr. A. F. Corfe, chemist and druggist, asking the Council to hear a representation on behalf of chemists. Mr. Brownscombe gave notice that he should move that in view of the number of chemists in the town the licences were unnecessary. Mr. Dyke said the matter required very careful consideration. If the Council decided not to grant such licences it would mean that he would have to cease selling hop wash. The Mayor observed that the chemists in the town

appeared to think that other traders were not to be trusted with poisons. No definite decision was arrived at.

Monmouthshire.—The County Council considered, on May 5, the Works Committee's recommendation that poison-licences be issued by the clerk, providing that the Chief Constable had no objections to the applicants. Sir Henry Mai Jackson thought the Committee had misread the Act, as additional facilities should not be granted for the sale of poisons in those districts where they were not required. The Clerk (Mr. H. Stafford Gustard) said there was a strong feeling upon the matter among the chemists of the county. He would be glad if the Committee would relieve him of the responsibility of granting licences. Sir Henry Jackson pointed out that licences would only be granted after consultation with the Chief Constable. Mr. T. Duffield remarked that poisons were sold in sealed packages, and it would be a convenience for farmers to be able to buy their sheep-dip in the locality without having to go some miles to the nearest town, as was now often the case. The Clerk stated that he had had an application for an additional licence at Chepstow. Mr. J. Straker opposed any additional facilities for the sale of poisons being granted at Abergavenny. After further discussion the matter was referred back to the Committee, with power to act.

Northampton.—The deputation of local chemists which was to await upon the Town Council on May 3 has been advised by the Town Clerk to appear before the Watch Committee next week prior to approaching the whole Council.

Peterborough.—The Town Council considered at the weekly meeting on April 30 the application of Messrs. W. & J. Brown, nurserymen, etc., 12 Narrow Street, for a poison-licence. The Mayor (Alderman J. B. Tebbutt) presided, and Mr. R. Winfrey, M.P., was also present. The Deputy Town Clerk stated that a letter had been received in respect to the application from the Peterborough Pharmacists' Association, pointing out that the present facilities for obtaining agricultural and horticultural poisons were already more than adequate, and any extension would tend to increase the danger to the public which was always associated with the use of such articles. In the short space of Narrow Street there were already five vendors who were fully qualified to sell poisonous preparations. The Chief Constable said the notice was not in order. It was addressed to "all whom it may concern," and not signed by anyone. Mr. Slater thought it was due notice, seeing it had been sent in a letter from the firm. The Chief Constable said he should object to the application unless the local authority were satisfied there was a separate counter set aside for the sale of the poisonous substances. Mr. Crawley: "Do Messrs. Brown sell food for human consumption?" A voice: "They sell apples." (Laughter.) Mr. Crawley said they sold apple trees, but he did not know they were fruiterers. Mr. Whitsed said for the purposes of the discussion it would be assumed that proper notice had been given. He moved that the application be not granted. There were about twenty fully qualified chemists in the district, and he did not think it necessary for the florists to start selling poisonous substances. There was nothing to prevent people buying the stuff from duly qualified chemists. Mr. Crawley said the question wanted well considering. Here is a firm that has been using a certain article—— (Alderman Redhead: "And selling.") Mr. Crawley, continuing, said the firm had been using and selling a certain article for the purposes of their trade, and he did not see why people selling a certain commodity should be deprived unless they had broken the law. He proposed an amendment that they grant the licence as a matter of business. No seconder was found to the amendment, and the original motion was carried, Mr. Crawley voting against it.

Roxburgh.—The County Council at Jedburgh on May 4 considered the recommendation of the Standing Joint Committee that two applications for licences be refused. Mr. Smith (Mowhaugh) said he understood that the chemists were endeavouring to secure a monopoly, which the agriculturists considered would be against their interests. Many outlying districts were affected by the licence question. The County Clerk (Mr. Stormonth Darling) pointed out that the other side argued that it was not advisable to increase the facilities for obtaining poisons. The Chief Constable (Mr. Porter) said such increase would be fraught with danger to the public, as it prevented stricter investigation. Poisonous sheep-dips and weed-killers had been sold illegally for several years. Mr. Smith contended that if the chemists had a "monopoly" they would raise their charges. The matter was remitted to the Standing Joint Committee to deal with each case on its merits.

Suffolk.—At a meeting of the General Purposes Committee of the East Suffolk County Council, held at Ipswich Shire Hall on May 4, Mr. Osborne (deputy-clerk) submitted a report from Dr. Crowfoot and Mr G. J. Gostling with regard to the granting of licences, also letters from Mr. H. Gower, chemist, Bungay; Messrs. Stearn Bros., chemists, Stowmarket; and Mr. T. Wilson, chemist, Stowmarket; and from the Traders in Provisions Compound for Trade Purposes Protection Society. Mr. Gostling explained that this was not a matter of trade jealousy, but of the protection of the public. Mr. G. H. Garrett moved the adoption of the report and that the Council be recommended to take the necessary steps in accordance with the suggestions contained in it. This was agreed to. The licence-fee was fixed at 5*s*.

Tain.—The Town Council considered the regulations together with an application for a licence by Mr. Donald Ross (see applications considered). Mr. Robert Alexander, chemist and druggist (Messrs. D. G. Munro & Co., Tain), wrote protesting against the granting of a licence on the ground that there are two chemists in Tain. The Provost thought the licence should be granted because the firm had been doing that business for a long time. On the Town Clerk pointing out that a fortnight must elapse after the advertising of intention of application, the matter was deferred.

Tyrone.—The County Council have received a number of applications from merchants in various villages in the county. After discussion it was decided to ask the district inspectors of police of the different places to report whether the applicants are suitable persons to be granted licences for the sale of these substances.

Applications Granted.

Bristol.—Brown & Sons, seed-merchants, Bridge Street, and Parker & Sons, Royal Promenade.

Harrogate.—E. J. Batchelor & Sons, seedsmen, Station Square, and Alva J. Hall, florist, 12 Parliament Street.

Stirling.—The County Council met specially on May 4 to consider applications from seven firms (*C. & D.*, April 17, p. 594). Provost Thomson stating that it seemed only reasonable to continue the sale of the poisons in the hands of those who had dealt in them for so many years. The chemists and druggists of the town petitioned against the applications, but it was unanimously agreed to grant them.

Applications Refused.

Accrington.—The Town Council have refused to grant a licence to Mr. F. Holt, florist and seedsman, on the ground that it would be unwise to extend the number of vendors of poisonous substances. A letter from the chemists in the district had been put in drawing attention to the "reasonable requirements" condition.

Cardiff.—At a meeting of the Health Committee of the Corporation on May 4 the applications of Messrs. Wm. Tresedar, John Hibbert & Sons, W. E. Walker, Wm. Lewis & Sons, and Messrs. Noah Rees & Sons (*C. & D.*, May 1, p. 674) were refused. The committee considered each case on its merits, and came to the conclusion that in the neighbourhood where each applicant carries on business the reasonable requirements of the public are already satisfied by the close proximity of chemists' shops.

Peterborough.—W. & J. Brown, nurserymen, 12 Narrow Street.

Fees Fixed.

Bolton.—The Town Council's Sanitary Committee have decided to charge 10*s*. 6*d*. for a licence, and 1*s*. for renewal, inspection of register, or copy of each entry in register.

Cumberland.—The County Council have fixed the fees for licences at 10*s*. 6*d*.; for renewal or inspection of the register, 2*s*. 6*d*.

Lancashire.—The Diseases of Animals Acts Committee of the County Council have decided to charge for the present the maximum fees allowed by the regulations—viz., 10*s*. 6*d*. for a grant, and 1*s*. 6*d*. for a renewal, of a licence.

Wimbledon.—The Watch Committee of the Town Council has decided on a fee of 7*s*. 6*d*. for each licence, 1*s*. 6*d*. for a renewal, and 1*s*. for an inspection of the register. The fee for a copy of each entry, if such copy is taken by the Council's officer, is to be 2*s*. 6*d*. Licences are to expire on March 31 in each year.

Excerpts from the Press.

The "Northampton Independent" for May 1 had a topical article entitled "Chemists and the Corporation," dealing with the Town Clerk's opinion. At the meeting of the Town Council on Monday night the Town Clerk stated that it had been reported in the chemists' journals that he had ruled that "preference should be given to nurserymen" in the granting of poison-licences. He wished it to be known that this was not his ruling, but the order of the Privy Council, and he also desired to deny the statement made at the last meeting of the Northampton Pharmacists' Association that the Town Council contemplated granting such licences to nurserymen because the Council had not yet considered the subject. In consequence of this statement a special meeting of the Northampton Pharmacists' Association was held on Tuesday evening, Mr. E. Dennis in the chair. A letter from the Town Clerk was submitted, and the unanimous opinion expressed that the statements in the Town Clerk's letter fully justified the reports in the trade journal upon the point.

Pharmaceutical Society of Great Britain.

COUNCIL-MEETING.

WEDNESDAY'S meeting was well attended, and at the beginning sympathy was expressed with Mr. Currie on the cause of his absence. M. Bocquillon-Limousin thanked the Society for the donation of ten guineas made on behalf of British pharmacists to the Berthelot Memorial Fund. The sum of 81*l.* was distributed from the Benevolent Fund to relieve the needs of five applicants for assistance. The Parliamentary Secretary was instructed to see what could be done to procure the exemption of land held by the Society for charitable purposes from the proposed tax on increment and surrender values. To him was also allotted the task of approaching the Chancellor of the Exchequer in regard to the increase in the duty on spirit, which presses very heavily on the drug-trade. Dr. Symes thought that the efforts of the Parliamentary Secretary should be supplemented by a deputation. It was pointed out by Mr. Harrison that there are objections against such a course, but that if Mr. Glyn-Jones found that one should be sent, it could still be done. The matter of the room for members was settled by the allocation of the inner library, which, it was pointed out, was set apart for this purpose some years ago. A number of applications have been received for registration under Clause 4 (*b*) of the Poisons and Pharmacy Act, and the applicants have been informed that the by-laws under this enabling clause have not yet been formulated. The Pereira medal was awarded to Mr. Sydney Smith, and Miss Neve has won the Silver medal given by the Council. Mr. P. W. Squire has offered the Society an oil-painting of his late father, Mr. Peter Squire, which was accepted. Mr. Gifford inquired regarding the Parliamentary Representation Committee, the formation of which the President is promoting. He was informed that the matter is not one for the Council to discuss.

A MEETING was held at 16 Bloomsbury Square, London, W.C., on May 5. There were present: The President (Mr. J. R. Young), Vice-President (Mr. J. F. Harrington), Treasurer (Mr. Walter Hills), and Messrs. C. B. Allen, A. S. Campkin, W. G. Cross, J. H. Cuff, W. H. Gibson, R. L. Gifford, D. Gilmour, A. Hagon, J. Harrison, A. E. Hobbs, G. T. W. Newsholme, C. J. Park, P. F. Rowsell, C. Symes, E. White, and A. C. Wootton.

The minutes of the previous meeting having been read and confirmed,

The PRESIDENT welcomed Mr. Walter Hills on his return and recovery from illness.

CONDOLENCE.

The PRESIDENT read a letter from Mr. Currie, who was not able to be present owing to a "combination of circumstances." The members of the Council, said the President, are aware of the reason for Mr. Currie's absence. After the sad death of his only son it is no wonder that Mr. Currie has little heart to tackle the routine work of the Pharmaceutical Society

Mr. ROWSELL endorsed the President's remarks, and related the sad circumstances which caused his son's sudden death at Exeter.

Mr. GILMOUR said he would convey to Mr. Currie the sympathy of his fellow-councillors. He was sure that the kindly way the Council had alluded to the severe blow would help to soften the asperity of the event.

BERTHELOT MEMORIAL.

A letter was read from M. H. Bocquillon-Limousin thanking the Council for a donation of ten guineas to the Berthelot Memorial Fund. The donation made on behalf of British pharmacists recalled the interest taken in Great Britain in the Pelletier-Caventou Memorial Fund in 1900.

The PRESIDENT, after alluding to the complimentary form of the letter, said it was a happy thought of Mr. Wootton to suggest the donation.

ELECTIONS.

A number of members and student-associates were elected, and many were restored to their former position in the Society. Some names were also restored to the register of chemists and druggists.

FINANCE COMMITTEE.

The report of the Finance Committee was then presented by the Vice-President, the following being a summary of the accounts:

Receipts.

	£	s.	d.
Penalties and costs	43	17	0
Subscriptions	2,719	10	0
"Pharmaceutical Journal" and publications	297	16	4
Restoration-fees	70	7	0
Registration-fees	100	8	0
Ground-rent	13	1	3
	3,244	19	7

This, with the balance brought forward from last month, made a sum of 4,453*l.* 17*s.* 3*d.* in hand, from which the following amounts were recommended for payment:

	£	s.	d.
On behalf of the Journal and publications	540	12	10
Stationery, etc.	37	3	11
Current expenses	550	0	0
Salaries, etc.	271	13	4
School and examinations	326	8	7
Law charges	77	16	2
House	438	13	3
Library	9	8	1
	2,251	16	2

On the Benevolent Fund accounts the following balances were shown:

	£	s.	d.
Current account	557	8	4
Donation account	74	11	10
Orphan Fund	3	16	8

The VICE-PRESIDENT, in moving the adoption of the report, mentioned that subscriptions towards the Benevolent Fund had been received from the Brighton Association of Pharmacy and Mr. W. H. Gibson and the Chemists' Assistants' Association.

The report was adopted.

BENEVOLENT FUND COMMITTEE.

The report of the Benevolent Fund Committee was then taken in committee, after which

Mr. CROSS, in moving the adoption of the report, said that 81*l.* was recommended to be distributed to five applicants for assistance. One of the applicants was a man well known to many of the councillors; he was once in flourishing circumstances, but through illness and misfortune had been obliged to apply to the Benevolent Fund for assistance. In regard to the finance proposals of the Chancellor of the Exchequer to tax incremental land values he suggested that the Government should be approached to exempt from the incidence of the tax charitable funds derived from ground-rents.

Mr. CROSS pointed out that the income derived from Consols is not subject to income-tax, and he had no doubt that the Chancellor of the Exchequer would see the justice of extending this exemption to the investments of the Society in ground-rents.

The PRESIDENT said the Parliamentary Secretary has been directed to put himself into communication with the Chancellor of the Exchequer in regard to this matter.

The report was adopted.

L., M., S., AND H. COMMITTEE.

The Treasurer then presented the report of the Library, Museum, School, and House Committee. The report re-

commended the payment of Messrs. Parkinson & Son's account for 38*l.* 3*s.* for work done during the month. The Dean of the school was given permission to purchase apparatus to illustrate the process of sterilisation to the pharmacy class. It was recommended that it is not advisable to supply the "Pharmaceutical Journal" to public libraries as hitherto. The committee also recommended that the inner library (the old Council-room) should be devoted to the use of members and be known as the "Members' Room," and that it would be desirable to announce this continually so that the members should become aware that there is a room available. It was also stated that Miss Neve and Messrs. Evans and Smith had been admitted to the Research Laboratories.

The Treasurer, in moving the adoption of the report mentioned that the inner library was set apart for the use of members some years ago, but this, apparently, had been forgotten.

Mr. Hagon inquired whether members could meet friends in the members' room and have their letters addressed there. These would be great privileges to country members.

The President: That seems to be an extension of the original suggestion, but no legitimate action is likely to be objected to.

Mr. Harrison said the expression "use of members" covers all uses to which the room could be put.

Mr. Allen suggested direction boards in the entrance hall and library.

Mr. Cuff said he had made a similar suggestion to the committee.

The President said he saw no reason why the proposed indication should not be made.

The Treasurer thought it inadvisable to draw too hard and fast a line between members and non members.

The report was adopted.

Examinations Report.

Statistics of the April examinations were then submitted. These showed that at the London examinations out of 23 candidates for the Major 11 passed, and of 213 Minor candidates 66 were successful. In Scotland the three Major candidates failed, and of 83 Minor candidates 36 passed.

Diplomas, sealed with the seal of the Society, were granted to pharmaceutical chemists who passed.

The Registrar reported that he had registered twenty-four apprentices or students during the month.

The report of the Examiners on the Council Prizes examination recommended that the Pereira medal be awarded to Mr. Sydney Smith and the silver medal to Miss Grace M. Neve. The Council confirmed these recommendations and thanked Professor Bower, Dr. Dobbin, and Mr. T. Wilson, who conducted the examination.

General Purposes Committee.

The report of this committee was then read. A number of applications for registration have been made under Clause 4 (*b*) of the Poisons and Pharmacy Act, and the applicants have been informed that the by-laws regulating the admission of the persons named in the clause have not yet been formulated. The Parliamentary Secretary was instructed to ascertain whether ground-rents derived from land-values applied to charitable purposes will be exempt from the tax proposals of the Budget. The incidence of the spirit-tax was also considered. In regard to the attitude of local authorities in granting poison-licences without considering the demands of the neighbourhood, the Secretary was instructed to take steps to insure that the provisions of the Poisons and Pharmacy Act are not disregarded by local authorities.

The President, referring to applications for registration without examination under Clause 4 (*b*) from persons who are supposed to come under the provisions, said it was impossible to give these "inquisitive gentlemen" the information wanted as the by-laws have not yet been formulated. As these depend on the curriculum by-laws, it will be some time before the regulations will be ready. In regard to the increase in the spirit-duty which is included in the Budget proposals, the President referred to the doing of something at once. He was glad to see that outside efforts are being made, but he wished the members to know that the Society is doing all it can to obtain relief. Mr. Glyn-Jones has been asked to see what can be done in the matter.

Poison-Licence.

The President next commented on the paragraphs about poison-licences. He said his attention had been called to the wholesale way in which applications for licences are being sent in from seedsmen. He took the opportunity of assuring the numerous correspondents who had written to him that he was keenly alive to the importance and urgency of the situation. Everything will be done to conserve the interests of chemists. The Act is being glaringly and absolutely deliberately misinterpreted in many places. Mr. Hagon has, however, informed him that at Cardiff all licences have been refused, and this without calling upon the chemists' deputation for evidence. The President proceeded to urge that chemists should take the matter in hand in their own towns. The opposition of local men is more potent than that of a corporate body. The central authority will be pleased to give advice on the matter, but direct representation from individual chemists is of more avail than that from a corporate body in London. It must be borne in mind that licences may be granted in default of opposition.

The Spirit-duty.

Dr. Symes said the proposed increase in the spirit-duties is a serious matter to those chemists who carry on businesses where the profits are scarcely equal to the very moderate expenditure. It was scarcely intended to tax chemists especially, and yet the incidence is such as to impose a tax equal to double or treble the income-tax. If the proposal had been made directly in the Budget that chemists should be especially taxed, the enormity of the tax would have been very obvious. Very active steps should be taken in the matter in addition to what the Parliamentary Secretary is doing. The reply to the representations by Mr. Glyn-Jones will probably be that chemists can recoup themselves out of their customers, but this is impracticable in dispensing. He thought it would be easy to devise some system of rebate on spirit used for medicinal purposes, because at present spirit cannot be received without permits. Medical men are to receive a concession in regard to their motor-cars, and he (Dr. Symes) thought that chemists have an equally just claim for fair treatment. The Chancellor of the Exchequer has expressed his willingness to meet objections as far as possible, and on this account a deputation from the Society should be appointed to wait on him.

Mr. Allen said that the question had been thoroughly discussed in committee, and a definite conclusion arrived at. He hoped Dr. Symes's suggestion would not be adopted. The gist of his remarks is that chemists are not business-men if they allow the incidence of the tax to come out of their own pockets. There is not much doubt that the Chancellor of the Exchequer viewed the matter from every side. Chemists are in the same boat with the tobacco-dealers, the brewers, and the publicans. (Murmurs.) Of course, chemists are more educated, but in selling medicines they must take to some extent the position of tradesmen. It is necessary to look the matter full in the face, and make their customers pay for the increase in the duty. Mr. Allen referred to the action of the perfume-manufacturers, who have decided to make an immediate advance of 10 per cent. in their prices. Pharmacists must approach the matter like every other business-man, and do something on the same lines at once.

The President said the matter was well discussed on the previous evening, and after every objection had been answered the decision of the committee was arrived at. Tobacconists put up the price of their goods within twenty-four hours, and it should be as easy for chemists to advance the price of tincture of myrrh. The large amount of the rise made it easier to recover the cost from the public.

Dr. Symes, replying to the criticisms, asked if there is anything so monstrous as a tax on the suffering and afflicted members of the community. Something might be done to bring about a rebate on medicinal spirit. The wholesale people have nothing to do with the matter; they have already put up their prices, and will make a great

profit out of the increased duty. It is the retailer who will suffer a grave injustice if nothing is done. He (Dr. Symes) said the question of poison-licences, which has been discussed at great length, is a trivial matter compared with this increase in the spirit-duty.

Mr. Harrison thought that by placing the matter in the hands of the Parliamentary Secretary the best thing possible had been done. The analogy of rebate on motor-spirit for business purposes would hold good in the case of alcohol if no great principle were violated. He was not sure that any concession would be granted, having regard to the suspicious manner with which the authorities look upon the sale by chemists of large quantities of spirituous medicines. Chemists, however, are bound by the British Pharmacopœia, and ought to be protected in getting tinctures at the lowest price. He was not so sure that a deputation would not leave the presence of the Chancellor of the Exchequer in a worse position than they entered. The Chancellor of the Exchequer is a shrewd man, and by skilful questioning might get the deputation to admit more than they desired to. If the Parliamentary Secretary finds that it is advisable to send a deputation, then will be the time to act. The trade is in a better position now than on the two occasions when small duties of 6*d*. were added. It was then not possible to pass the cost on, but now there is an opportunity of doing so and collecting a fair percentage over as our charge for collecting it.

Mr. Campkin said that it would not be possible to impose any tax that did not create some hardships. The Chancellor's remarks that the increase in the spirit-duty would not apply to commercial alcohol might perhaps be construed into covering alcohol used in the business of a chemist and druggist. The resources of pharmacy are not exhausted, and it may be possible to use other substances than spirit as preservatives, such as glycerin. In regard to poison-licences chemists must let the local authorities know that they are prepared to sell agricultural and horticultural poisons. The door is at present opened, and if chemists fail to supply the requirements of the public the door may be opened to admit the sale of other poisons.

The report was then carried. Dr. Symes so emphatically dissented that the President asked if he really objected to Mr. Glyn-Jones doing what is possible in the matter as suggested in the report. "There should be a deputation as well," retorted Dr. Symes.

Government Visitor's Report.

The Privy Council transmitted a copy of the Government Visitor's report on the examinations held during the year ended March 31. In this report Dr. W. H. Willcox gives detailed statistics as to the failures at the examinations, and concludes with the following observations :

> The noteworthy feature of the above results is the high percentage of failures in the examination as a whole, and this is especially pronounced in the practical portion of the examination.
>
> The greatest fairness was uniformly shown by the examiners to the candidates throughout the examination, and it would have been impossible for the examiners to have allowed any of the rejected candidates to have passed, since in every case of failure there were strong and sufficient reasons why the candidate should not be allowed to pass, owing to a quite inadequate and insufficient knowledge of his subject.
>
> The high percentage of failures in practical chemistry shows a great deficiency in the training of candidates in laboratory work.
>
> The candidates themselves appeared to be capable of assimilating the knowledge required for passing the examination, but in most cases the reason of their failure was an obvious lack of proper systematic training.
>
> In my opinion it is essential that every candidate before being allowed to enter for the examination should have undergone a recognised systematic course of instruction in the subjects in which he is examined, and I am sure that when this is the case the percentage of failures will be much less.
>
> In the October and January examinations the practical examinations in chemistry were conducted in the newly equipped laboratories of the School of Pharmacy of the Pharmaceutical Society.
>
> The new laboratories are admirably equipped and in every way suited to modern requirements. It is a great advantage to candidates to be examined in their practical chemistry in a laboratory of this kind, and I am informed that in future all the examinations in practical chemistry will be conducted in the newly equipped laboratories. I thoroughly approve of this course.

The Visitor also briefly referred to the Major examination.

Other Matters.

The report of the Executive of the North British Branch was received and ordered to be entered on the minutes.

Mr. E. F. Harrison was appointed to conduct the Jacob Bell and Manchester Scholarship examinations in June.

The Privy Council wrote in regard to an inquest at Wandsworth where the deceased had been in the habit of taking laudanum (*C. & D.*, April 3, p. 517), expressing the view that laudanum is in Part 1 of the poison schedule of the Poisons and Pharmacy Act. The Registrar said he had corrected that impression, and the Council have given instructions that another letter be sent confirming the one already sent.

The President, Mr. Gifford, Mr. Harrison, Mr. Harrington, Mr. Rowsell, Dr. Symes, and Mr. White were appointed as delegates to the British Pharmaceutical Conference at Newcastle in July. The Secretary was also requested to attend.

The Associated Pharmacists, Ltd., asked for the use of the Society's premises on May 11, 12, and 13, but permission was declined.

Mr. Peter Squire's Portrait.

Mr. P. W. Squire had interviewed the Secretary in regard to the portrait of his late father, Peter Squire, which is on the walls of the Council-chamber. The portrait in question is really a coloured photograph, which was presented by Mr. Miall, the photographer. Mr. P. W. Squire has in his possession an oil-painting of his father which was exhibited in the Royal Academy in 1878 by Mr. Silas Johnson, R.A. This he offers to present to the Society.

The President said the offer, which was like giving a gold watch for a silver watch, would be gladly accepted.

Letters.

The Delegation conducting the Oxford Local Examinations wrote in regard to two similar examinations it conducts, one being accepted by the Society while the other is not. The matter was referred to the Board of Examiners.

The Preston Chemists' Association regretted that the Council had not seen its way to grant a certificate of qualification. The attitude adopted was not calculated to improve the status of the Society or protect the interests of pharmacists.

The President : This shows that the millennium, when we shall be able to please everybody, has not yet arrived. (Laughter.)

Mr. Gifford, in a written communication to the President, asked for information about the Parliamentary Representation Committee which he is forming.

The President's reply was that the committee is not yet formed, and that he is acting in the matter in his private capacity.

Mr. F. W. Branson was appointed to represent the Society at the Public Health Conference in Leeds.

The Stockport Chemists' Association urged the Council to issue a certificate bearing the word "Pharmacist" in a prominent position. This was referred to the General Purposes Committee.

Annual Report.

The Council then went into Committee to consider the annual report, which was finally approved of in the following form :

In making its sixty-eighth annual report the Council is gratified to be in a position to state that during the past twelve months the Society has made considerable progress, and that at no time has the membership of the Society stood higher in number or been more united in loyalty than at the present time. The financial position is not unsatisfactory, as although the balance on December 31 was an adverse one of 169*l*., it must be remembered that 896*l*. has been expended out of current revenue on modernising the chemical laboratories. The normal income has slightly diminished, but this has been counterbalanced by a careful administration of the spending departments of the Society.

Examinations.—There were 980 candidates examined during 1908 for the qualification of chemist and druggist—a decrease of 136 on the preceding year— and of this number 354 were successful. The percentage of rejections—63.87—is

a lamentable increase, when compared with the period covered by the last report. The Government Visitor, Dr. Willcox, alludes in his official report on the examinations to the large number of failures in the practical portion of the work, especially in practical chemistry, and remarks that in his opinion—

> it is essential that every candidate, before being allowed to enter for the examination, should have undergone a recognised systematic course of instruction in the subjects in which he is examined, and I am sure that when this is the case the percentage of failures will be much less.

The Council has under present consideration the formulation of by-laws for the purpose of giving effect to the power to impose a compulsory course of training which the Poisons and Pharmacy Act, 1908, confers upon the Society.

The Major examination was taken by only 46 candidates during 1908, and 22, or 47.82 per cent., were successful. The number of students who were registered as having satisfied the preliminary education test imposed by the Regulations of the Council was 406, which is a very large increase on the annual registrations since the Regulations came into operation in 1900.

Evening Meetings.—The following papers have been communicated during the session:

In London:—Communication from the Pharmaceutical Research Laboratory: "Microscopical Identification of the Green Extracts," by R. E. Griffiths, Burroughs Scholar (1907), and Professor Greenish; Exhibition by W. G. Freeman, B.Sc., of the Imperial Institute, of Lantern-slides illustrating the preparation of Barbados Aloes; Exhibition by Professor Greenish of specimens illustrating the work of Hungarian Students in Materia Medica and Pharmacy, and by E. M. Holmes (Curator), of a Student's Herbarium; "On the Determination of Glycerine," by W. A. H. Naylor, Ph.C., F.I.C.; "Note on a False Bark offered as *Prunus serotina*," by Horace Finnemore, Ph.C., B.Sc., F.I.C.; "The Identification of a False Bark of *Prunus serotina*," by E. M. Holmes, F.L.S. (Curator); "Humanity's Debt to Pasteur," by Dr. H. Macnaughton-Jones; "The Relations to Pharmacology of Some Recent Advances in Biological Chemistry," by Dr. A. Harden, F.I.C. (Lister Institute of Preventive Medicine). *In Edinburgh*:—"Some Relations of Plants to their Environment," by Dr. Stewart MacDougall; "Note on Ichthyol Resorcin Soap," by John Lothian, Ph.C.; "An Adulterated Sample of Red Lead," by D. B. Dott, Ph.C., F.I.C.; "Sulphur Compounds in Coal Gas," by D. B. Dott, Ph.C., F.I.C., and J. Wilson Dougal, B.Sc.; "Some Dispensing Problems," by Gilbert Simpson, Ph.C.; "Optical Rotation in the Assay of Jalap, Scammony, Orizaba, and Tampico Resins," by W. B. Cowie, Ph.C., F.C.S.; "A Comparison of Melting Points by Different Methods," by W. B. Cowie, Ph.C., F.C.S.; "A Dispenser's Dilemma," by Donald McEwan; "Examples of Incompatible Prescriptions," by Peter Fenton; "The Crystallisation in Mixtures Containing Magnesium Sulphate with Ammonium or Potassium Bromide," by John Lothian, Ph.C.; "The Chlorinated Solutions of the B.P.," by Edward J. Brown, Ph.C.; "The Official Preparations of Orange and Lemon," by Peter Boa, Ph.C.; "An Alkaloidal Colour Reaction with Aloes," by John Lothian, Ph.C.; "Amount of Prussic Acid in Gas Meter Water," by D. B. Dott, Ph.C., F.I.C.; "A Short Method of Preparing Spiritus Ætheris Nitrosi," by D. B. Dott, Ph.C., F.I.C.; "The Estimation of Quinine in Cinchona Bark," by Wm. Duncan, Ph.C., F.C.S.

The Council is greatly indebted to those who have contributed to the scientific meetings of the Society, and who have thus made it possible to maintain unbroken the long sequence of educational work which the founders of the Society promoted for the advancement of pharmaceutical practice.

Legal.—Four hundred and fifty-three cases of infringement of the Pharmacy Acts were reported and dealt with during 1908, and prosecutions were ordered in 164 instances. Particulars of these cases are given in the Registrar's Report presented to the Council in February last and published in full in the official Journal. In view of the practice, to which attention has been directed in former reports of the Council, of selling as poison-preparations not containing the essential ingredient, the Council has felt it necessary to authorise proceedings under the Merchandise Marks Act, and a conviction has been obtained in regard to the sale of "paregoric" which was devoid of opium. The Registrar has also been directed to proceed under the Pharmacy Act, 1852, against an unregistered person for implying registration by the use and exhibition of the word "Pharmacy" in connection with his retail-drug business. The case was heard on March 31 before his Honour Judge Shand at St. Helens, and judgment was pronounced for the Society. Notice of appeal has been given by the defendant.

The School.—The reports from the School staff indicate that the present session is one of the most prosperous and successful on record. The number of students is well above the average, and the work done by them has been most satisfactory. The refitting of the chemical laboratories, one portion of which has already been completed, and which in the aggregate is expected to involve a cost of 1,700*l.*, will very greatly add to the effectiveness of the School as a place where a thorough training, both practical and theoretical, may be obtained by those who are destined for a pharmaceutical career.

Library and Museum.—The Library has been augmented by the addition of over 200 new works on pharmacy and the sciences allied thereto, and in the course of the year 2,674 volumes have been issued to borrowers under the conditions prescribed in the Regulations. The number of attendances in the Library in 1908 was 4,366, or an average of 15 on each occasion the premises were open. The Museum statistics show that 5,109 persons visited the Museums in the past year, and that on an average 17 students or members availed themselves of this department on each day the rooms were accessible. Information respecting botanical specimens and articles of materia medica has been furnished by the Curator to many members of the Society who have realised the advantages of this particular privilege of membership.

North British Branch.—The Executive reports that all departments of the Society's work in Scotland are well and efficiently conducted, and that the premises of the Society are in thorough order and repair.

Benevolent Fund.—The subscriptions to the Fund yielded slightly more in 1908 than in 1907—a very gratifying evidence of the continued confidence felt in the sympathetic and businesslike administration of the Fund. A sum of 1,862*l.* 10*s.* was expended in the payment of annuities and 1,300*l.* in what are termed casual or temporary grants. The total expenditure in relief was 240*l.* in excess of the amount given in the preceding year. At the end of December last the Benevolent Fund current account showed a deficit of 290*l.*, and the Council feels impelled to appeal to the pharmaceutical calling to relieve the Committee from the embarrassment of this adverse balance. Many welcome donations have been received from local bodies of pharmacists who have met for scientific, business, or social purposes, but what is greatly needed is a stronger and more numerous list of annual subscribers.

The Hills Orphan Fund has received only six guineas in subscriptions during the year, but is in a fairly sound financial position, the interest on invested capital being sufficient to pay for the maintenance of two orphans in the London Orphan Asylum. The Benevolent Fund Committee recently recommended another orphan for acceptance by the asylum, and the child will shortly enter upon his training in the institution at Watford.

Parliamentary.—The chief event of the year from a Parliamentary point of view was the enactment on December 21 of the Government Poisons and Pharmacy Bill, which, in the form presented to Parliament, called for the most uncompromising opposition from the Council and from chemists all over Great Britain. It was shortly after the last annual general meeting that the Joint Select Committee appointed to consider the Bill gave the Pharmaceutical Society an opportunity of making its protest. This was very effectively done by the President and by the Assistant Secretary in Scotland, and although the Committee failed to give effect to the views and facts presented on behalf of pharmacists, there can be no doubt that the record of the evidence given by the Society's witnesses materially assisted in the subsequent modification of the obnoxious portions of the measure. The Bill was reported by the Joint Committee without alteration, as far as the second clause was concerned, and with what was known as Lord Ebury's clause inserted as the sole provision for regulating the business of a chemist when owned and controlled by a corporate body. The Committee altogether declined to consider the proposals embodied in the Bill promoted by the Council, and also ruled out of order evidence which had been collected and was offered in proof of the adequacy of the supply of poisonous substances through registered persons in most parts of Great Britain. Having regard to the seriousness of the outlook, the Council resolved to attempt, with the aid of Mr. Idris, Mr. Winfrey, and other friends in the House of Commons, resistance to the progress of the Bill in the Lower House unless it were very considerably amended. In June Mr. Glyn-Jones was appointed Parliamentary Secretary to the Society to take charge of the business pertaining to Parliamentary Bills and to work under the direction of the Council in promoting in Parliament the interests of the Society. One of the results of the vigorous policy adopted was that some improvements were introduced into the measure before it left the House of Lords. Pharmacists should bear in grateful remembrance the assistance afforded to the Society's officers by Viscount Hill, Lord Clinton, and Lord Weardale at a very critical time in the history of the Parliamentary struggle. By July the influence of the Society in the House of Commons had manifested itself to the extent of an application by a number of members of Parliament to the Earl of Crewe, as representing the Privy Council, to receive a Parliamentary deputation on the subject of new pharmacy legislation. The noble Earl accordingly received on July 3 some forty gentlemen, who were introduced by Mr. Winfrey, M.P. After some very effective criticism of the Government Bill by Mr. H. Y. Stanger, K.C., and by Mr. Philip Snowden, Lord Crewe expressed his sympathy with the views expressed, so far as the evils of "one-man" com-

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, MAY 8 1909.

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A Copy of this Supplement is inserted in every Number issued of "The Chemist and Druggist."

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1.—HOME COUNTY (Important Market and Residential Town).—Good-class Retail, Dispensing, and Prescribing; returning £30 weekly, has done £50; large Pharmacy; excellent position; handsomely fitted and well stocked; price £1,050.

2.—SUSSEX.—Good-class Light Country Retail; returns about £950; plenty of scope; owner retiring; price £600.

3.—KENT.—Unopposed Light Country Retail; returns £800; net profit £300; easily worked; price £535.

4.—SOUTH COAST.—Good-class Retail and Dispensing; returns about £1,000; good profits; price £50 and valuation.

5.—N. WALES (Health Resort).—Good-class Retail and Dispensing; splendid position; returns £870; net profit £290; price £650.

6.—HOME COUNTY (Market Town).—Light Family Retail; returns £850; scope for doing £1,200; price £50 and valuation.

7.—EAST COAST.—Light Cash Retail; returns £400 under assistant; has done £1,000; corner position; main street; price £300.

8.—YORKS (East Riding).—Good-class Country Retail; same hands many years, retiring; returns £400; has done £750; low rent; valuation only required.

9.—SURREY (Suburb).—Returns £18 to £20 weekly, increasing; good position; modern Pharmacy; well stocked; price £600.

10.—LONDON, N.W.—Profitable Cash Retail; returns £578 under manager; net profit £200; price £400; worth attention.

11.—LONDON, S.E.—Light Suburban Retail; returns £600; net profit £240; price only £325; books properly kept.

12.—LONDON, N.—Ill-health sole cause of sale; returns £670; net profit £238; price £350.

13.—HAMPSHIRE.—Old-established Light Retail, Dispensing, and Prescribing Business; returns average £1,350; net profit £450 to £500; very best position; good reasons for selling; price £1,275.

14.—DERBYSHIRE (Small Town).—Mixed Country Retail; returns £850; best position; price for quick sale £375, or near offer.

15.—HERTS.—Good-class Retail; returns £700; net profit £177; modern Pharmacy; well stocked; price £430, or offer.

16.—SURREY (Charming Locality).—Unopposed Mixed Retail; returns under manager £513, increasing; price £350.

17.—WARWICKSHIRE.—Unopposed Country Retail; returns £640; low rent; pleasantly situated; price £350.

18.—BANKS OF UPPER THAMES.—Middle-class Retail; returns £652; net profit £213; price £300 or valuation.

19.—MANCHESTER (Near).—Genuine Light Retail, in very good position; returns over £600; net profit £185; price £300, or valuation.

20.—ESSEX (10 miles out).—Unopposed Light Retail; returns average £500; net profit £175; price £200 or offer.

21.—LEICESTER.—Returns £400; good profits; well-fitted Pharmacy; low rent; price £105; much below valuation.

22.—LONDON, E. (Busy Main Road).—Returns £22 weekly; net profit £300 to £350; scope for increase; price £625.

23.—LONDON, W.—Good-class Suburban Retail; under manager returns £750; price £550; half can remain.

24.—LONDON, S.W.—Good-class Retail; neglected; returns £800; main road; plenty of scope; price £450.

INTENDING VENDORS.

Messrs. BERDOE & FISH have at the present moment several genuine purchasers anxious to secure businesses showing anything from 300*l.* to 600*l.* net profit yearly. Correspondence cordially invited. Strictest privacy guaranteed.

J. G. BERDOE established the firm in 1870, and W. S. FISH was apprenticed to him in 1877.

TO TRUSTEES, EXECUTORS AND OTHERS.

Stocks Sold or Purchased for Cash.

FRYER, COOPER & CO.

3 Redcross St., Fore St., E.C.

Chemists' Auctioneers and Valuers,

Goods realised on Vendors' a/c or Stocks purchased for immediate Cash. Distance no object. Money advanced if desired.

TOMTOM

Telegraphic Address.

THOS. TOMLINSON & SON,

Chemists' Valuers and Expert Stocktakers,

Businesses transferred privately.

NEW CANNON STREET, MANCHESTER.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond, prepaid.

NOTE.—Replies can be addressed to this Office and forwarded to the Advertiser for an Additional charge of 6d.

COLONIAL BUSINESSES.

We call the special attention of our Colonial subscribers to the opportunity this Supplement affords when they wish to dispose of their Businesses, of getting into touch with likely buyers either at home or in the Colonies.

Replies to Advertisements may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

CITY OF LONDON.—To be Disposed of as a going concern, small but sound Business (improving) in principal street; long lease; moderate rent; well fitted and stocked; any reasonable offer entertained. Apply, "S." (36/2), Office of this Paper.

GLASGOW.—Chemist's Business in rising suburb for Sale; shop has post-office and telegraph; good opening; satisfactory reason for disposal. Glasgow Apothecaries' Co., Ltd., Virginia Street.

KENT.—Old-established Business to be Disposed of; reasons for disposal given; expenses low; good profits; ready-money trade; in midst of big working and residential population; good opportunity for young man starting or for older man requiring solid concern. Apply, "Alba" (29/36), Office of this Paper.

LONDON Suburb.—High-class Light Retail, Dispensing, and Photographic Business in main thoroughfare; shop handsomely fitted and well stocked; good opening for Optics; price, valuation of stock and fixtures (about £400); fullest investigation invited to genuine buyer; references required; no agents. "Confidential" (34/20), Office of this Paper.

LONDON, W.—At valuation of stock and fixtures (about £350); a good medium-class Dispensing and Retail Business; returns about £750 (increasing); satisfactory reasons for disposal; good accommodation and pleasant residential locality; thorough investigation to genuine buyer. "J. H." (31/34), Office of this Paper.

LONDON, S.W.—£500; modernly equipped; in main road; populous and growing good-class locality; excellent opening for Dentistry, Optics, Photography, etc., and capable of great increase; good house, with garden, at moderate rent. Apply, in first instance, Mawson & Co., 213 High Road, Streatham, S.W.

LONDON, W. (a few doors from Oxford Street).—For immediate Disposal, a very profitable Cash Retail and Prescribing Business, with Dentistry and Optics attached; returns £6 to £7 weekly; a good Prescriber with up-to-date management and attention would easily double; shop handsomely fitted; rent very low; part let off to a Medical man; satisfactory reasons for disposal, and fullest investigation courted; price £300, or will consider fair offer. "S. R." (31/5), Office of this Paper.

LONDON, S.E.—A Business making about £220 net profit can be purchased for £250; fine shop, well stocked and fitted; capable of big increase, having been neglected; genuine top to bottom; *must* be sold quick, hence price; satisfactory reasons for hasty disposal. Apply, H. H. Keeble-Jowett, Gleneldon, 2 Elsinore Road, Forest Hill, S.E.

LONDON, S.E.—Sale, through ill-health, of old-established Suburban Business; large and commanding shop, well fitted and stocked; valued at £300; now returning £600; easily increased; valuable Proprietaries; rent £60; large house; genuine bargain; sacrifice at £250 cash, or reasonable offer considered. Address, "Immediate," 36 Fernside Road, Balham, S.W.

MANCHESTER.—Old-established Chemist Shop, with good Dental Practice, side door and good living, to be Disposed of; one of the oldest in the trade and profession (over 70 years) "Teeth" (39/56), Office of this Paper.

MIDLANDS.—Old-established Business, with Photography; corner position; good house; returns under inferior management £800; good profits; no heavy trade; price for quick sale £400; rent £35. For further particulars apply, "Urgent" (22/18), Office of this Paper.

RICHMOND, SURREY (near).—Light Retail, Prescribing, and Photographic Business; well fitted and fully stocked; returns last year £516, increasing; good position; large convenient house; rent £40; sacrifice for £250 or valuation (about £300); fine opening for Dentistry; reason for selling taking larger business. Apply, 29/21, Office of this Paper.

SCOTLAND.—Chemist's Business (old established) for Sale; satisfactory reasons for disposal; splendid opening for young man. Apply to W. G. Alexander, 14 Portland Place, Leith.

SOUTH-WESTERN COUNTY (Market town).—A good-class Country Retail, returning £960 yearly; clear net income nearly £350; low rent; long lease; good house and large garden; price £900; stock and fixtures worth fully £850; an exceptionally good opportunity, and worthy of special attention. "Eucryl" (35/83), Office of this Paper.

A1 Opportunity.—£350 will purchase modern Drug-stores taking £13 weekly; easily increased to £20 by qualified Chemist; splendid shop and house; rent only £40, on lease; fittings alone cost £250, and the price includes £200 worth of stock; part money can remain; trial allowed; absolutely genuine. Harris, Valuer, 13 Kitchener Road, Forest Gate, E.

CHEMIST and Druggist small Country Business for Sale in Bucks; no Patents, good Prescribing; no opposition, and business easily increased; rent £20 inclusive; stock, etc., at valuation if required. "M." Norfolk House, Ogilvie Road, High Wycombe.

CHEMIST'S high-class Dispensing, Light Retail, and Photographic Business; leading concern; best position flourishing town; to be Sold, with valuable freehold premises, through death of senior partner; cash necessary about £2,000. Wickenden, 20 High Street, Tunbridge Wells.

DRUG-STORES, Ilford.—Splendid opportunity for qualified man; ample scope for Dentistry and Photography; splendid house accommodation, consisting of 6 bedrooms, bath-room, w.c., exceptional large drawing-room, shop sitting-room, kitchen, conservatory; spacious yard, with stables and coachhouse; rent £55; could easily sublet £45 a year; reasonable offer considered for quick sale; inspection desired. 34/1, Office of this Paper.

FIRST-CLASS Retail and Dispensing Business, within 30 miles South of London, on main line; returns approach £1,300; no Store competition; net profit £434 (proof given); modern Pharmacy, handsomely fitted and well stocked; splendid position; good residence attached; price £1,200; valuation terms entertained if preferred. "H. H." (35/38), Office of this Paper.

GENUINE offer; £100; Drug-stores; established over 12 years; situated in main thoroughfare between two off-licensed houses; thickly-populated neighbourhood of large seaport town; very much neglected, owner having other business; sure good living for pushing man; fairly well stocked; no opposition; a chance in a hundred. "Gelsemina" (30/31), Office of this Paper.

GOOD-CLASS Business in London suburb for Disposal; residential district; up-to-date business showing steady increase; every investigation. 30/21, Office of this Paper.

BUSINESSES FOR DISPOSAL

(continued.)

HEALTH Resort, county town and yachting station, West Coast (Wales); high-class old-established Dispensing, Optical, and Retail; excellent and annually increasing connection; only one opposition in town (unqualified) and for a distance of several miles; owner leaving country; low price to dispose before summer season; good premises; low rent. "Alpha" (30/13), Office of this Paper.

LINSEED, Drug, and Spice-grinding Business for Disposal; up-to-date freehold mill, fitted with every modern appliances; low rental; river frontage can be arranged; splendid opportunity for good practical man with small capital; owner retiring. Full particulars from Martin Bilton, Auctioneer and Valuer, Bowlalley Lane, Hull.

OFFERS invited for a genuine good-class Family and Dispensing Business in residential district a few miles out of London; good house; small garden; nicely-fitted shop; returns £700; lease about 17 years. "Exhibition" (35/11), Office of this Paper.

OLD-ESTABLISHED Country Retail and Prescribing Business within 30 miles south of London; returns average about £800; can be largely increased by smart man; convenient house and nice garden; profits are above the average; all particulars and every investigation to cash buyers only; price about £550; offer wanted. "South" (34/7), Office of this Paper.

OLD-ESTABLISHED Retail and Prescribing; steady all-year-round Cash Business, with extra season trade; average returns £586, with good profits; no Photography; all books shown, and every reference given; convenient house and warehouse; rent £30; price £350; giving up business. Wm. Whiting, Chemist, Bridlington.

PARSON C. BAKER, 174 Victoria Street, S.W., is instructed by the Executors of the late Mr. Heale, 193 Battersea Park Road, to dispose of the Chemist's Cash Retail Business for the value of the stock and fixtures; there are good Proprietaries, and, conducted on modern lines, a very large and profitable business can be done; cash required, say £250.

PRESENT returns £750; has increased greatly in last 12 months, and under proprietor (qualified or no) who could give whole attention would soon do £1,000; long lease; low rent; good house; tremendous population to work on and only weak opposition; net profit £250; price £500. 30/10, Office of this Paper.

RETURNS £500 (about).—In important town in the Midlands; commanding position in main street; Light Retail and Dispensing Business, with Photographic; several valuable Proprietaries; good profits; cause of sale, ill-health; price £350, or valuation of stock and fixtures; immediate possession. "Phenacetin" (280/26), Office of this Paper.

VALUATION or cash offer; newly-established Suburban Business; pleasantly situated large city; little opposition; turnover averages £43 monthly; excellent prospects; satisfactory reasons for disposal; valuation (about £250). "B." (30/35), Office of this Paper.

£50 cash and balance in instalments will secure nicely fitted London Business; has been starved for stock under indifferent management, and sadly neglected, but offers splendid scope for qualified man who can increase stock and is willing to work. Particulars at interview, to secure which enclose references and address "Statim" (34/18), Office of this Paper.

£75.—A Bargain.—London, N.W.—Suit qualified or unqualified; genuine opportunity for capable Prescriber; opening for Dentistry and Photography; price asked little more than valuation of stock and fixtures. "Statim" (34/8), Office of this Paper.

£120 cash will Purchase a Light Retail; very profitable; takings £350 to £400; suit enterprising beginner, wanted addition Photography. 39/30, Office of this Paper.

£250; Seaside Business; good all-the-year-round trade; season beginning shortly; well fitted; fully stocked; returns have increased 50 per cent. last 6 months; splendid opening for Dentistry; good sale for own Proprietaries; excellent position on main road; satisfactory reasons for disposal. 30/30, Office of this Paper.

£395; an up-to-date, unopposed Business in North Yorks; doing nearly £12 weekly; could be well improved by energetic qualified man. Full particulars to genuine buyer. Apply, "Quick Sale" (26/21), Office of this Paper.

£1,000 turnover; Light Retail and Dispensing Business; London, N.W.; long lease; good position; strictest investigation courted. 33/3, Office of this Paper.

AN opportunity for a Chemist to open a Business; district urgently requires another; £400 capital required. Information from 26/22, Office of this Paper.

SALES BY TENDER.

MESSRS. BRETT & CO., 8 West Street, Leicester, have received instructions from the Executors of the late F. G. Gilkes, Chemist and Druggist, 18 High Street, Banbury, to offer by TENDER the entire STOCK-IN-TRADE, FIXTURES, FITTINGS, and UTENSILS as now on the above premises.

Catalogue, Tender Form, and all particulars to be obtained upon application from Brett & Co., Valuers, Leicester.

TENDERS.

EGYPTIAN GOVERNMENT.
MINISTRY OF THE INTERIOR.
DEPARTMENT OF PUBLIC HEALTH.

TENDERS are invited for the following: (*a*) Drugs; (*b*) Surgical Dressings; (*c*) Bottles for Dispensing. Specifications and Conditions of Contracts may be obtained on application to

The Director-General, Department of Public Health, Cairo. Tenders must reach Cairo not later than September 1st, 1909.

E. AMSTER, Director of Stores, D.P.H.

FOR SALE.

LONDON.—Stock and Fixtures for Sale, or as going concern; less than half cost price; about £200. 35/4, Office of this Paper.

BARGAIN.—Complete Fittings of Chemist's Shop by Treble (Mahogany).—15-ft. wall-fitting, mirror back, and poison-cupboard, glass-fronted counter, 11 ft. 6 in. and 3 ft. extension, 6-ft. bent-glass counter-case, wall and sponge cases, window-enclosure, recess-labelled rounds, dispensing-screen, etc.; splendid condition. Jones & Co., Wholesale Chemists and Chemists' Valuers, 21 Windsor Street, Brighton.

BEST offers wanted for 20 cwt. of Malt with Cod-liver Oil suitable for Cattle. Apply, 35/48, Office of this Paper.

BUSINESSES WANTED.

ADVERTISER, with capital, no connection with any recent advertisement, wishing to purchase medium or working-class genuine concern, in a main street or busy centre, desires communication from vendor of old-established business. Preliminary particulars, including returns, rent, and lowest cash terms, to "Albion" (34/15), Office of this Paper.

WANTED, a Business in Lower Midlands, South of England, or a few miles from London, with net profit of not less than £250, for cash. Full particulars to "Purchaser" (30/12), Office of this Paper.

WANTED to purchase a good-class Dispensing and Light Retail Business; seaside health resort preferred. Full particulars (in confidence) to "Aspirin" (33/40), Office of this Paper.

WANTED, a good-class Pharmacy, yielding about £300 net profit or over; must be genuine; near London; no agents. Apply, "Rex," 152 Bedford Hill, Balham.

WANTED, in Southern, Midland, Eastern, and Northern Counties, Businesses returning from £800 to £3,000; Messrs. Berdoe & Fish have cash buyers waiting to secure genuine concerns; intending vendors should communicate with the above firm at their Transfer Valuation Offices, 35 Jewry Street, Fenchurch Street, E.C. Established 1870.

TO Landlords, etc.—Wanted, by advertiser, a commodious Shop with dwelling-house attached, corner position, in a town of about 80,000 inhabitants, where a Cash Drug-store can be opened by a Pharmacist, preferably in a town where there is no large Drug-store; England or Scotland; Partnership entertained. 32/21, Office of this Paper.

PARTNERSHIPS.

AN old-established Limited Company and firm of Essence Distillers and Chemists, with a considerable British and foreign trade, are open to receive proposals from a gentleman (30 to 35) having best qualifications as a tactful Chemist and a sound business man, with a view to acquiring Directorship by Purchase of Shares, and this exceptional opportunity is due to the retirement of a director. State capital available with application. "Essences" (37/54), Office of this Paper.

AGENCIES.

AGENCY wanted for Turkey, Egypt, Roumania, Greece, Bulgaria, Servia, and Montenegro; old-established firm, appointing local Representatives in almost every town in these countries, is prepared to take Agency on mutual terms. Christy, 289 Regent Street, London, W.

SOAP Agency for Scotland.—Gentleman, well known and established in Scotland for some years, could undertake Soap Agency (no Perfumes) for first-class firm. 30/15, Office of this Paper.

APPRENTICESHIPS.

WANTED, a qualified Chemist in London who will take a student to be instructed in Practical Pharmacy for 6 months; premium will be paid. 31/15, Office of this Paper.

TO LET.

COMMANDING monopoly of trade of enormous good-class established residential district, 8 miles from City; bold corner premises, on the main road; excellent living-rooms; side entrance; rent £90; exceptional opening for Chemist. Fowler, Richardson & Pottier, 74 Cheapside, E.C.

EXCEPTIONAL position for Chemist; Walkden Buildings, Stockwell Gate, Mansfield; commodious, modern saleshop, with large room over; rent £35. Apply, Baker Halford & Sons, Nottingham.

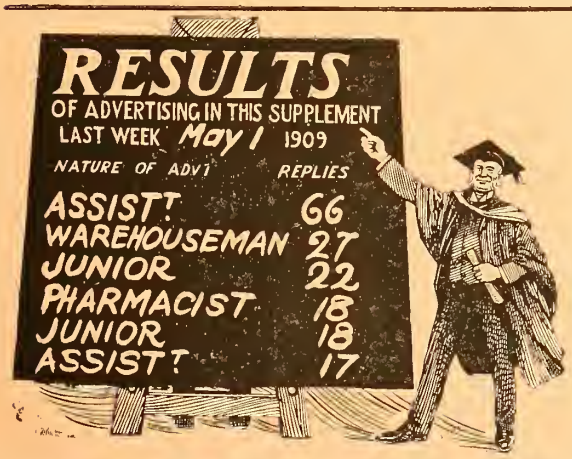
HOUSE and Shop to Let in Clapton; suitable for a Chemist. Full particulars on application to Alderman Feesey, 113 Downham Road, N.

TO Chemists and Druggists.—Hampstead Garden Suburb.—Excellent opening for this Business; main road position, adjoining the above rapidly-developing estate; shop and 6 rooms; rent only £80 per annum. For plan and particulars apply, Ernest Owers, Golder's Green, N.W. (facing Tube Station), and at Finchley Road and West Hampstead.

TO be Let, Shop, and house of 6 rooms over; rent only £25 per annum; fitted up as Chemist's and Druggist's; valuation, about £30; the house above is at present let off at 6*s.* 6*d.* per week. For further particulars apply to the Agents, C. & B. Westbrook, Bank Buildings, Tunbridge Wells.

SITUATIONS OPEN.

3*s.* 6*d.* *for* 50 *words or less;* 6*d.* *for every* 10 *words beyond, prepaid.*



This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of advertisers who use a number or nom de plume.

Replies to Advertisements may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

RETAIL.

BARRY, Cardiff.—W. R. Hopkins, Pharmaceutical Chemist, requires a thoroughly competent Assistant, preferably with qualification, in Light Retail and Family business; hours 8-8, except Saturdays; weekly half-holiday from 1 P.M. Please state age, height, and salary required (outdoors), with full particulars of experience and references.

BIRMINGHAM.—Qualified Assistant; able to take charge of branch; also Junior; must be energetic, gentlemanly, and accustomed to good-class trade. Applications must be accompanied by full particulars of experience, photo, and references. Hedges & Son, Pharmacists, Birmingham.

RAPID FILTRATION.

That "the truth filters through" rapidly with regard to advertising in this Supplement is shown by the following extract from a letter (36/22) dated "May 4, 1909," from Mr T. W. Longdin, of Scarborough:—

"I have received 57 replies to my advert. ('Codex') and should like it to be known I am unable to reply to this number..... Thanking all who applied for the situation.'

Since then nearly a dozen more replies have been sent to Mr. Longdin.

CALCUTTA.—Wanted, by well-known firm, qualified (Minor) man with good experience and first-class references; about 24; must be single; passage paid out and home; 4 years' agreement; salary first year 200, second 225, third 250, and fourth year 300 rupees per month. Apply, giving full particulars of experience, etc., to 18/24, Office of this Paper.

CAMBERLEY, SURREY.—Wanted, for a good-class Family business (indoors), a gentlemanly Assistant; age about 24. State salary, references, and all particulars to Ralph J. Evans, Camberley.

CAPE COLONY.—Qualified Assistant; about 26; 3 years' agreement; salary £180 first year, £192 second year, £204 third year; second-class passage paid out. Apply, with photo and copies of testimonials, to "R. L.," o/o S. Maw, Son & Sons, 7 to 12 Aldersgate Street, E.C.

CAPE TOWN.—Assistant wanted; young man; Minor qualification; 3 years' agreement to be signed; salary £13, £14, and £15 per month for first, second, and third years respectively; second-class passage paid. Apply, with particulars of experience, to J. M. & Co. (38/1), Office of this Paper.

CEYLON.—Qualified Dispenser required for Chemist's department in European Store in Ceylon; a healthy tropical climate; age about 24; single; good opening for smart Assistant. Apply, by letter only, giving full details of experience, to Dakin Brothers, Ltd., 82 Middlesex Street, E.C.

EASTBOURNE.—Improver wanted for high-class Dispensing business. State salary (outdoors), with usual particulars, enclosing carte, to H. R. Browne, Pharmaceutical Chemist, Eastbourne.

GLOUCESTER.—Qualified Manager; married; to live over shop; central position; one with tact and push; view to Partnership would be entertained. Walwin, Chemist, Gloucester.

GRIMSBY.—Qualified Assistant (24-26) required, May 20. Applicants, who must have good knowledge of Photographic trade, will oblige by giving fullest particulars of experience, references, and salary required (indoors), to Dewing, Pharmacist, Old Market Place, Grimsby.

SITUATIONS OPEN *(continued.)*

HASTINGS.—Qualified Dispenser required in high-class Dispensing business. Apply, with photo if possible, stating capabilities, references, and salary required (3 assistants kept), indoors, to Harold E. Skyrme, Proprietor, Neve & Co., 12 Wellington Place, Hastings.

INLAND Health Resort.—Qualified Assistant, not under 23, with good Dispensing and General experience; must be strictly sober and well recommended. State salary (outdoors) and give full particulars in first letter, "Gentian" (32/35), Office of this Paper.

JAPAN.—Junior qualified Assistant (about 24) in old-established English Chemist's; good climate; short hours; passage paid out and home. Apply, 36/50, Office of this Paper.

LEEDS.—Thompson & Capper, 44 Boar Lane, Leeds, have a vacancy for a Junior; a thorough knowledge of Photography necessary. Write, full particulars to Thompson & Capper, 51 Piccadilly, Manchester.

LIVERPOOL.—Qualified man wanted for branch; must be reliable, energetic, and good Dispenser; no Sunday nor holiday duties. Usual particulars to MacSymon's Stores, Ltd., Deane Street, Liverpool.

LIVERPOOL.—Smart unqualified Second Assistant; about 25; outdoors. Full particulars to "Pharmacists," c/o Messrs. Hy. Jackson & Sons, 29 School Lane, Liverpool.

LONDON, E.—Wanted, at once, a smart, young, qualified Manager, with good references; salary 50*s.* week (outdoors). Also a middle-aged, qualified Assistant; salary 45*s.* week. Apply, 30/20, Office of this Paper.

LONDON, W.—Good Junior Assistant; indoors; knowledge of Photography essential; abstainer preferred; half-day off weekly. Barton Dell, Chemist and Dentist, 143 King Street, Hammersmith, W.

LONDON, W.—Wanted, soon, qualified Manager; 35 to 50; energetic, capable; good Salesman and Window-dresser; references must bear strict investigation for sobriety and honesty; Extractor preferred; working-class business; comfortable hours; outdoors, but dinner and tea provided; good commission and moderate salary; permanency. Full particulars first letter, Challis, Chemist, Southall.

LONDON, W.—Manager, qualified, about May 25th, for good-class Family and Dispensing business, London, W.; good references required; with or without view to succession on easy terms. Apply, in first instance, Wilson, 45 Turnham Green Terrace, W.

LONDON, S.W.—Dispenser (Minor qualification) wanted; about 26 years of age; short hours; no Sunday duty. Address, stating experience and salary expected, by letter, to 993, Sell's Advertising Offices, Fleet Street, E.C.

LONDON, N.W.—Wanted, Assistant; about 25; good Dispensing experience essential; indoors; weekly half-holiday; personal interview preferred. C. A. Noble, 110 Mill Lane, West Hampstead.

LONDON, N.—Manager wanted for middle-class business in North London; weekly half-holiday; no Sunday duty; salary and commission, with rooms and gas; good opportunity for young, energetic man. Apply, with full particulars, to Harcombe Cuff, 25 Friern Barnet Road, London, N.

LONDON, S.W.—Strickland & Co., Pharmaceutical Chemists, 23 Cromwell Place, South Kensington, require a qualified Assistant; good Dispensing experience; age about 23; indoors.

LONDON, W.—A Senior, qualified (indoors), is required, immediately, with town experience; must be good Counterman; age not under 28. Age, letters with full particulars, or personal application, to Hooper, Struve & Co., Ltd., 7 Pall Mall East, S.W.

MAIDSTONE.—Qualified Assistant; outdoors. State usual particulars and enclose photo (to be returned), 39/62, Office of this Paper.

MANCHESTER District.—Outdoors; an energetic young man as Assistant and Bookkeeper. State age, experience, references, and salary required, with photo, "Pharmacist," 457 City Road, Old Trafford, Manchester.

MANCHESTER District.—Qualified Assistant (outdoors) for 3 or 4 months; age not under 24 years; must be energetic and a capable Counterman, with Dispensing and Photographic experience. Address, stating when at liberty, age, height, references, salary, etc., and enclosing photo (to be returned), to T. Woodruff, Pharmacist, West Didsbury, Manchester.

NEATH.—Wanted, by June 10, smart Junior for good-class Dispensing and Retail business; easy hours; no Sunday duty; good salary to suitable man. Walter Hibbert & Son, Pharmaceutical Chemists, Neath.

NEWENT (GLOS.).—Wanted, gentlemanly, active, reliable, qualified Manager to take Sole Charge General Country Druggist's business; a middle-aged man will find comfortable home; light duties; must be strictly temperate (abstainer preferred); highest references required to ability and personal character; small town, agricultural district. Full particulars, The Drug Co., Ltd., Newent, Gloucestershire.

NORTH CHINA.—Wanted, by well-known firm, qualified Assistant with first-class experience and references; about 26 years of age; must be single and with good knowledge of French or German; both preferred; comfortable and permanent position to suitable man; liberal salary given and passage paid. Apply, giving full particulars of experience, to "T. H. P.," 113 Cannon Street, E.C.

NORTH WALES.—Junior Assistant wanted in Retail Photographic business, also Wines, for the summer; must be able to do Printing and Developing; Welshman preferred, but not essential; abstainer; half-holiday weekly; outdoors. Apply, with full particulars, salary, etc., to Williams, Medical Hall, Holyhead.

ROYAL BUCKINGHAMSHIRE HOSPITAL, Aylesbury.—Wanted, a qualified Dispenser (Male or Female); usual hours, 10 till 5; lunch and tea provided; opportunity given for studying *x*-ray and Electrical treatment. Applications, stating age, qualifications, and salary required, with copies of recent testimonials, to be forwarded to the undersigned not later than May 15. Stanley E. Wilkins, Secretary, 25 Walton Street, Aylesbury.

SCARBOROUGH.—Qualified Assistant (age about 24 years) with all-round experience; quick and willing worker. Apply, with full particulars as to salary, etc., and enclose photo (which will be returned), to W. R. Eyre, 147 Falsgrave Road, Scarborough.

WELLS (SOM.).—Junior; indoors; of good address and gentlemanly manners; good references essential. Apply, stating age, experience, etc., with photograph (to be returned), to Wilson, Pharmacist, Wells.

WOODBRIDGE.—Wanted, at once, for good-class Mixed country business, a qualified Assistant of gentlemanly habits and good address, and capable of taking entire charge; comfortable home with family. Apply, with usual particulars, stating salary required, and enclosing photo, to Alfred Gall, Woodbridge, Suffolk.

WORKSOP.—Wanted, smart Assistant (indoors), on May 17th, for a month; age about 30. Send photo (to be returned), salary required, and last reference, "Pharmacist," 6 Potter Street, Worksop.

DISPENSER to Surgeon required for evenings only. Apply, by letter, stating terms, Dr. Fryer, 91 New North Road, N.

DISPENSER wanted, June 1st, Apothecaries' Hall certificate, for Country practice; abstainer; married man preferred. State terms (cottage and garden provided) and send copies of testimonials, 34/5, Office of this Paper.

DISPENSER wanted; Kennington district; morning and evening; suit a Pharmacy student; lady or gentleman. Apply, 35/10, Office of this Paper.

DISPENSER, qualified, wanted; knowledge of Photography desirable; salary £80 a year, to live out. Apply, with full particulars, to the Medical Superintendent, Herts County Asylum, Hill End, St. Albans.

GOOD salary offered; qualified Assistant wanted for Store business young and businesslike; capable of taking charge when required; good references indispensable; indoors; no Sunday duty. Apply, "Chemist," 33 High Street, Kingsland, London, N.E.

JUNIOR Assistant (outdoor) for good-class modern Retail; three assistants kept; must be good Window-dresser and well up in Photography; hours of business exceptionally easy; no after hours or Sunday duty; state salary required. Apply to J. Griffith Isaac, Pharmacist, Neath, S. Wales.

JUNIOR Assistant required; age 19 to 23. Timothy White Co., Ltd., Portsmouth.

JUNIOR required, immediately, as Dispenser in first-class business; to one who has had good Dispensing experience good salary and permanency are offered. 33/02, Office of this Paper.

MANAGER wanted for Chemist's and Drysaltery business in Salford; must be disciplinarian and capable of entire control, writing-up books, etc.; hours 8 to 8, Saturday 10 o'clock. State age, experience, reference, and salary required (with or without house), 30/19, Office of this Paper.

MANAGER; qualified; indoors; must be young and energetic; no Sunday duty and half-holiday. State salary and usual particulars. Apply, "X." (31/30), Office of this Paper.

PART-TIME; Thursdays from 6 till 10 P.M., Sundays 6 till 10 P.M. Apply, stating terms and reference, to Payne, Chemist, 13 Prince of Wales Road, Kentish Town, N.W.

POINGDESTRE & TRUMAN require a qualified Assistant; outdoors; salary £2 and commission. Apply, 71 Old Kent Road, S.E.

QUALIFIED Assistant wanted for Dispensing etc., by May 24; outdoors. Apply, stating usual particulars, to "K." (38/1 Office of this Paper.

QUALIFIED Assistant required; smart and gentlemanly; good salary and prospects; must possess exemplary character for honesty and sobriety. Timothy White Co., Ltd., Portsmouth.

QUALIFIED Manager required for small branch; lock-up shop; close at 1.30 on Thursdays; no Sunday or Bank Holiday duty; comfortable home; knowledge of Welsh preferred, but not essential; must have good recommendations. Please apply, giving full particulars as to salary (indoors), age, etc., to Davies, Chemist, Treorchy, Glamorganshire.

QUALIFIED Branch Manager; good berth to smart, capable man. Full particulars to Hartleys, Cash Chemists, Nelson, Lancashire.

QUALIFIED Branch Manager wanted at once; energetic and enterprising, and with a knowledge of the Store trade; good salary to good man. Apply, 32/10, Office of this Paper

QUALIFIED Manager; comfortable place for middle aged man; salary £2 week, with house; must furnish two last references. "A. B. C." (36/18), Office of this Paper.

REQUIRED, smart young qualified man; age 22 to 25; able to do Optics; must have undeniable references; good Store experience a recommendation. Apply, "Yorkshire" (39/29), Office of this Paper.

SENIOR Assistant as finisher-off; must have had good experience; outdoors, but to sleep on the premises. Apply, "Globenaris," Messrs. Cooper, Son & Co., Ltd., Chemists, 80 Gloucester Road, South Kensington, London, S.W.

WANTED, at once, smart, gentlemanly Counterman for a high-class business; qualification unnecessary, but character must bear the very strictest investigation. State age, salary required, and full details of experience to 33/20, Office of this Paper.

WANTED, by a Pharmaceutical Chemist, near Manchester, a qualified Senior Assistant for a good-class Family business. Apply (enclosing photo if possible), stating age, height, salary required (outdoors), and previous experience, to 32/40, Office of this Paper.

WANTED, qualified Junior for Dispensing department; accustomed to first-class business; outdoors. "Codex" (35/30), Office of this Paper.

WANTED, on May 24th, for five weeks, reliable Locum, abstainer preferred, to take charge of Light Retail and Dispensing business, 15 miles from London; exceptionally comfortable. Apply, at once, stating terms, references, etc., to "Locum" (35/34), Office of this Paper.

WANTED, for City business, qualified Assistant; about 24; must have first-class experience; short hours; no Sunday duty; outdoors; personal interview necessary. Apply, 36/3, Office of this Paper.

WHOLESALE.

ANALYTICAL Chemist, by London Wholesale Druggists; thoroughly competent in assaying Drugs, taking Spirit Strengths, and Standardising Pharmaceutical Preparations, etc.; preference given to one with some knowledge of General Laboratory work. Apply, with full particulars and salary expected, to 15/2, Office of this Paper.

ASSISTANT Manager required by firm of Manufacturing Chemists and Wholesale Druggists in Scotland; must be first-class man, with experience of Buying and management of warehouse. Apply, stating full particulars as to age, experience, salary expected, etc., 35/12, Office of this Paper.

EXPERIENCED hand wanted for manufacturing Tooth Pastes, Powders, etc. Apply, stating age, previous employment, and wages required, "Manager" (35/66), Office of this Paper.

EXPERIENCED Representative required for Glasgow or Edinburgh, and also for Birmingham and Midlands. Apply, Standard Tablet & Pill Co., Hove.

EXPORT Invoice Clerk (about 22), with good previous experience, required in City Wholesale house; must be good writer and quick and accurate at figures; progressive post. Full particulars, including commencing salary required, to 39/65, Office of this Paper.

FEMALE Assistant required immediately; must have had good experience in fitting Belts, Trusses, etc. Apply, giving full particulars, experience, references, etc., to Reynolds & Branson, Ltd., Surgical Instrument Makers, Leeds.

JUNIOR Assistant.—A City firm of Manufacturing Chemists has a vacancy for a Junior Assistant who has passed the Minor examination and has had some London experience in the Retail trade. Apply, giving the usual particulars, to "G. I. P." (39/69), Office of this Paper.

LABORATORY Assistant for South Africa.—Wanted, a young unmarried man with good all-round knowledge; preference given to one trained in a first-class country house; passage paid out; 3 years' agreement. Apply, by letter only, "L.," 54 Queen Elizabeth Street, London, S.E.

MAJOR Man.—A vacancy occurs in the Analytical Laboratory of a firm of Manufacturing Chemists for a Pharmaceutical Chemist; must be experienced in the Analysis of Galenicals, Medicinal Chemicals, etc. Apply, stating full particulars as to age, experience, and salary required, to "B. M." (9/82), Office of this Paper.

PILL ROOM.—Messrs. C. J. Hewlett & Son, Ltd., have a vacancy for an Assistant in their Pill and Tablet department; previous experience essential. Apply, in writing, stating salary required, etc., to Messrs. C. J. Hewlett & Son, Ltd., 35/42 Charlotte Street, Great Eastern Street, E.C.

REPRESENTATIVE wanted by a London Wholesale Drug-house to visit the Provinces, making calls on Doctors and Veterinary Surgeons; preference given to one with a connection. Apply, stating salary expected and previous experience, to "Provincial," c/o Street's, 30 Cornhill, E.C.

REPRESENTATIVE for Scotland required by London Wholesale Druggists; must have a live connection, be well known on the ground, and have a thorough knowledge of Packed Goods. "Scotia" (38/63), Office of this Paper.

REPRESENTATIVE wanted to control Sales Department of entirely new preparation now commanding serious Medical and public attention; one able to introduce capital needed for development preferred; a sound, honest business, with splendid future. Apply, 38/18, Office of this Paper.

TRAVELLER required for Northern Counties by London Wholesale Druggists; good salary and travelling expenses. Address, "Z. P. 639," c/o Deacon's Advertising Office, Leadenhall Street, E.C.

TRAVELLER for the Far East, about 35; a gentleman of good address and able to furnish undeniable evidence of successful and high-class work as a Representative in the Wholesale Drug-trade, extending over some years; none others entertained; excellent opening with progressive interest for a well-qualified man. Apply, 6/74, Office of this Paper.

TRAVELLERS!!—Does 10 per cent. commission on a side-line interest you? Goods in daily demand. Write, Model Home Specialities, Ltd., Model Home Works, Wellington Road, Battersea, S.W.

WHOLESALE Herbalists and Druggists require an experienced Traveller for Lancashire and Yorkshire; one with a connection among Herbalists, etc., essential; salary, expenses, and commission. Give fullest particulars (in confidence) to 34/40, Office of this Paper.

YOUNG man; aged about 20; one used to Wet and Dry, with some knowledge of Retail trade. 77 Walworth Road, S.E.

SITUATIONS WANTED

(Colonial, Indian, and Foreign).

1s. for **12** words or less; **6d.** for every **10** words beyond, prepaid. Replies addressed to this office will be forwarded to the advertiser for an additional charge of **6d.**

This heading is reserved for assistants seeking situations in the British Colonies, India, and Dependencies or elsewhere abroad.

AS qualified Assistant or Manager in British Colony; aged 32; height 6 ft.; health first-class; excellent references; Optics and Sight-testing, Photography; 4 years' South African experience; energetic, honest, steady. Reply, "Vindex" (36/10), Office of this Paper.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words beyond, prepaid.

[HOME.]

Replies to Advertisements may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

RETAIL.

LOCUM; disengaged; open for future dates. Whitehouse, 2 Gill Street, Nottingham.

DISENGAGED; unqualified; several years' experience. R. M. Lelean, 11 Princess Road, Leicester.

LOCUM; qualified; excellent references; disengaged. "Caius," 21A Castletown Road, West Kensington.

DISPENSER or Locum; London; disengaged; excellent references; outdoors. S. Stovell, 4 Handforth Road, S.W.

ASSISTANT; West-end and Store experience; outdoors; or Dispenser; disengaged. "H. G.," 6 Willow Avenue, Barnes, S.W.

UNQUALIFIED; experienced; modern trading; Dispensing, Photographic. "Veronal," 2 Island Road, Barry, Glamorgan.

ASSISTANT; 25; 10 years' experience, good-class Retail and Dispensing, London and provincial. Lockhart, 58 Moscow Road, Bayswater.

MANAGER; qualified; disengaged; permanent, Locum, Relief, or Part-time; moderate salary. James, 48 Ferrers Road, Streatham, S.W.

FRENCH qualified Chemist, good knowledge of English, wants situation; no salary; board and lodging expected. Helme, Greystones Road, Sheffield.

ASSISTANT Manager; outdoors; whole- or part-time; experienced; age 42; salary £2 week (full-time). "Reliable" (36/23), Office of this Paper.

SWISS Pharmacist, speaking French and German, good knowledge of English, wishes season situation. Apply, Piguet, 12 Cecile Park, Crouch End, London, N.

LOCUM or permanent; 36; advertiser thoroughly energetic and reliable; highest references; well up; disengaged. "H. C.," 15 Marquis Road, Stroud Green, N.

QUALIFIED Senior or Manager; good Dispensing and Retail; 33; married; abstainer; disengaged; highest references. "Abergeldie," 20 Alma Road, Clifton, Bristol.

ASSISTANT; 10 years' high-class Dispensing experience; Photography and Bookkeeping; good references; disengaged. Tavener, Homeleigh, Essex Road, Stevenage.

PHARMACIST; Manager; long experience in Surgical Appliances and Optics, some Photography; abstainer; married; disengaged. "F. C. S.," 4 York Street, Manchester.

ASSISTANT; experienced and energetic; Store trade; Photo, Prescriber, Extractor; 32; London; outdoors; good references. "Statim," 172 Railton Road, Herne Hill, S.E.

QUALIFIED Assistant (foreign), speaking good English, German, French, and Italian, seeks situation; outdoors; excellent references. "F. R.," 12 Adolphus Road, Finsbury Park, N.

QUALIFIED Branch Manager or Senior; 27; tall; good suburban and provincial experience; Extractor, Photography; London or suburbs preferred; good references. Souter, Stillington, Yorks.

PHARMACIST; 29; married (no children); Manager or Senior; Photographic, Dental; experienced Buyer; succession or Partnership entertained; disengaged. "Chemist," Athelney House, Burnham, Somerset.

LIVERPOOL.—Part-time employment or Locum work by thoroughly experienced Assistant, unqualified, in Liverpool or suburbs; age 29; highest references. "Tempus," c/o Miss Crosher, 219 Oliver Street, Birkenhead.

UNQUALIFIED; tall; 25; London and provincial experience; permanency. Lloyd, 18 King Street, Wrexham.

LOCUM; Scotsman; qualified; 26; disengaged June 2nd; reliable. 30/23, Office of this Paper.

QUALIFIED; 25; good experience; permanency desired. "K.," 33 Circular Road, Douglas, Man.

QUALIFIED; 26; tall; experienced; Senior; outdoors; City or West-end. Wilson, 7 Chepstow Place, W.

AS Assistant; unqualified; Mixed trade, Prescribing, Extractions, etc. "Beta," 2 Hallfield Road, Bradford.

MANAGER or Assistant; qualified; view to succession. "Neville" (30/28), Office of this Paper.

EVENING work wanted by lady Dispenser; excellent testimonials. Apply "X." (29/19), Office of this Paper.

JUNIOR (20½), tall, requires experience with good-class Dispensing Chemist. King, Brick Barns, Chignall, Chelmsford.

JUNIOR (22) requires situation; North Wales preferred; good experience and references. 29/22, Office of this Paper.

DISPENSER (lady), qualified, experienced, requires post with Doctor or Chemist. "J." (30/16), Office of this Paper.

IMPROVER; 19; Light Retail, Dispensing; passed Preliminary; facility for study. "Veronal" (31/6), Office of this Paper.

MANAGER or Locum; qualified; age 42; active; town, country, and suburban experience. "Chemist," 21 Endsleigh Road, Southall, W.

DISENGAGED; Assistant; smart, competent, temperate; thoroughly reliable; good references. "Energy," 4 Cuthill Road, Denmark Hill.

LOCUM; disengaged for month; 33; abstainer; satisfaction guaranteed; moderate terms; best references. "Capable" (30/14), Office of this Paper.

LOCUM, experienced, Photographic, now booking dates; disengaged until June 26, July engaged, August vacant. "H. T.," 19 Acre Road, Merton, S.W.

SENIOR or Dispenser; 28; capable and reliable; first-class experience, West-end and provinces. "Statim," Beverley Villa, Goldhawk Road, Shepherd's Bush, W.

LOCUM; qualified; 6 years' experience and references all branches; disengaged 20th. T. H. Buswell, Pharmacie Grosgurin, Beaulieu-sur-Mer, France.

PHARMACIST thoroughly recommends youth (19) as Porter to Chemist; Hospital, Wholesale; honest, reliable; good worker. Wardle, 76 Glenarm Road, Clapton.

MANAGER or Locum; widower; aged 49; high-class home and foreign experience; excellent references; disengaged May 15. Cave, 41 St. Alban's Road, Redland, Bristol.

DISPENSER (lady, Apothecaries' Hall certificate) desires position under Doctor; Hospital, Dispensary, or Retail trade. Address, Miss Graham, 11 Howard Place, Carlisle.

A YOUNG German (aged 22) requires situation, Part-time, to get experience in a Retail shop; can speak English fairly well; near Hampstead preferred; wages no object. 31/12, Office of this Paper.

QUALIFIED; 24; energetic; capable of taking charge; good suburban experience; Counter, Dispensing, Photographics; undeniable references; London preferred; photo. Clark, Low Moor, Wigton, Cumberland.

QUALIFIED (26) as Senior or Branch Manager; tall; abstainer; Dispensing, Prescribing, Photography; thorough experience and highest references; South or West of England preferred. Apply, "C. B." (29/28), Office of this Paper.

BERTH in steady-going Country business by competent and reliable man with varied experience; excellent references; disengaged shortly; permanency or temporary; middle-aged; married. "R.," 7 Trinity Terrace, Abergavenny.

LOCUM; qualified; 31; days, weeks; disengaged. "R.," 268 Gray's Inn Road, W.C.

DISPENSER or Senior Assistant; good experience. Gibson, 198 Scott-Ellis Gardens, N.W.

JUNIOR or Dispenser to Surgeon; age 19; tall; Photography. Smith, Dispensary, Reading.

UNQUALIFIED; 31; disengaged; first-class experience. West, Sherwood House, Ulceby, Lincs.

LOCUM or permanent; 12 years London and Continent. "Photographic," 40 Watergate, Grantham.

ASSISTANT; 22; disengaged; 8 years' experience; unqualified. "Junior," 84 Melrose Street, Hull.

LOCUM or outdoor permanency; qualified; capable; disengaged. "Aspirin," 60 Hindes Road, Harrow.

UNQUALIFIED; 36; Prescriber, Extractor; good references. Foster, 125 Catherine Street, Doncaster.

QUALIFIED; 28; good all-round experience; outdoors preferred. "Rhei," 25 Mayflower Road, Clapham, S.W.

QUALIFIED; 25; first-class experience; Photography; abstainer. Green, 122 King's Road, Brighton.

UNQUALIFIED; permanency required; married; outdoors. Williams, 55 Duke of York Street, Wakefield.

JUNIOR; unqualified; first-class Dispensing experience; outdoors; London. "J.," 35 Clancarty Road, Fulham, S.W.

ASSISTANT; 15 years' good experience; unqualified; references. "G. F. T.," Blencogo, Dinerth Road, Colwyn Bay.

QUALIFIED; 24; excellent Dispensing experience; Photography. "Pharmacist," 31 Atherfold Road, Clapham, S.W.

EXPERIENCED Assistant; Dispensing, Counter, or Photographic. "F. H. K.," 10 Prideaux Road, Clapham Road, S.W.

UNQUALIFIED; 22; North or Midlands; Counter, Dispensing, Photography. "Extractor," 7 Forster Street, Sunderland.

QUALIFIED; middle-aged; outdoors preferred; manage or assist; active Counterman. "G.," 101 Westbury Road, Ilford, Essex.

LOCUM or Part-time; qualified; active, obliging; abstainer; Mondays, Fridays, and Saturdays free. "Borax," 535 Holloway Road, N.

CHEMIST-OPTICIAN, Minor, F.S.M.C., 28, desires Managership; permanency or with view to succession. Apply, 35/3, Office of this Paper.

SUMMER engagement wanted; seaside preferred; qualified; good London and Continental experience. "Savoy" (26/7), Office of this Paper.

RELIEF for Stock, Counter, Dispensing, or Window-dressing; unqualified; 27; fully experienced; by hour, half-day, or day. Ellis, 54 Park Avenue, Mitcham.

ASSISTANT; middle-aged; unqualified; outdoors; London; Part-time 2 or 3 evenings a week; many years' good reference. Davies, 43 Jubilee Road, Southsea, Hants.

SALARY No Object.—Qualified, middle-aged, married, good references, seeks Managership of small business, with unfurnished house, in or near London. 36/6, Office of this Paper.

MANAGER; qualified; aged 40; height 5 ft. 11 in.; married; good experience; Dispenser, Photographic, good Counter trade. "W.," c/o Lister, Furniss Farm, Lealholm, Grosmont, Yorks.

QUALIFIED; Part-time; hours by arrangement; outdoors; London experience, Chemist and Hospital; permanency. "Minor," c/o Mrs. Oman, 26 Mysore Road, Lavender Hill, S.W.

SMART Assistant; unqualified; 30; 5 ft. 8 in.; Dispenser, Photographer, Counterman; disengaged; outdoors; excellent references; season or permanency. Stansfield, 24 Laurel Grove, Southport.

DISENGAGED, owing to new Act, thoroughly experienced Assistant; Locum, branch, or permanency; 3 years last reference; abstainer; middle-aged; single; unqualified. "Statim," 5 Beaconsfield Cottages, Hillingdon, Middlesex.

GENTLEMAN, of ability, Minor qualification, with 10 years' highest class all-round experience (English and Continental), speaking Italian and French, desires position of trust, at home or abroad, where energy and a healthy interest in the business would be appreciated. 34/10, Office of this Paper.

LADY Dispenser disengaged; qualified; good testimonials. Apply, 32/12, Office of this Paper.

JUNIOR; 20; tall; good Counterman; willing and obliging. "R.," 107 Sperling Road, Tottenham.

BRANCH Manager; qualified; 28; first-class experience and references. Jenkins, 56 Warwick Avenue, W.

QUALIFIED; good all-round experience; 28; outdoors; W. or S.W. district. 32/15, Office of this Paper.

QUALIFIED (28) desires Locum or Season situation; disengaged now. "J. H. B.," 223 High Road, Lee, S.E.

SEASON; South Coast preferred; cajable Junior; unqualified. G. Williams, 228 Upper Parliament Street, Liverpool.

WANTED, situation; Manchester or district; 6 years' experience; age 20. "Sapere Aude" (31/31), Office of this Paper.

QUALIFIED Locum; reliable and competent; exceptional experience; highly recommended. 32/18, Office of this Paper.

27/- per week; unqualified Assistant; good experience; Extractor, Prescriber, etc.; 38. 31/27, Office of this Paper.

LOCUM; open for engagements June, July, August; West-end Dispensing experience. "Rhei" (32/34), Office of this Paper.

MANAGER; qualified; Prescriber; middle age; Optics; good reference; disengaged. "M.P.S." (34/19), Office of this Paper.

JUNIOR; 21; good Dispensing experience; excellent references; tall; London preferred. "Aqua" (33/29), Office of this Paper.

JUNIOR; 20; outdoors; all-round Counter; good knowledge of Photography; liberty May 22. "J. S.," 89 Deansgate, Bolton.

AS Branch Manager or Assistant; outdoors; qualified; 32; abstainer; moderate salary. "Cacodyl" (35/40), Office of this Paper.

ASSISTANT or Dispenser; Locum or permanency; disengaged; moderate salary; highest references. 34/14, Office of this Paper.

LONDON district; qualified; 27; 11 years' best London and provincial experience and references; single. 33/39, Office of this Paper.

ASSISTANT; unqualified; 23; 5 ft. 11 in.; Dispenser, Photography; London or provinces; disengaged. 33/23, Office of this Paper.

ASSISTANT; married, no family; Store or General Retail; 9 years last situation; unqualified. "T.," 66 Burgoyne Road, Harringay, N.

UNQUALIFIED; 25; Dispenser, Extractor, Prescriber, Photography; outdoors; all-round experience. "Statim" (33/18), Office of this Paper.

QUALIFIED; 10 years' good-class, all-round experience; well recommended; gentlemanly; abstainer. "Competent" (34/12), Office of this Paper.

MANAGER; qualified; thoroughly reliable; successful Manager of large Stores; good business man and Organiser; abstainer. 33/7, Office of this Paper.

QUALIFIED (26), tall, seeks responsible position in first-class provincial business; excellent experience and references; outdoors preferred. Saunder, Eynsham, Oxon.

ASSISTANT; qualified; 23; 5 ft. 9½ in.; London, provincial, and French experience; seaside preferred; disengaged. G. B. Daniel, 272 High Road, Wood Green, London, N.

NOTTINGHAM or near; Senior or otherwise by gentleman of long experience; Presoriber; disengaged shortly; good references; or Locum. Address, "Digitalis" (33/14), Office of this Paper.

LLANDUDNO.—Junior; 21; tall; gentlemanly; 6 years' London and Manchester first-class Dispensing experience; excellent references; Photography. "Quinine" (33/37), Office of this Paper.

QUALIFIED single man, with good varied experience and some capital, seeks permanency with view to interest in sound business; locality, class of trade, or hours no object; disengaged in June. "Reliable, London" (36/8), Office of this Paper.

JUNIOR; 22; 5½ years' first-class experience; disengaged. "Dispenser," 30 Oxford Road, Ealing.

MANAGER, Locum, Assistant; disengaged; abstainer. 2 Warwick Mansions, Lower Richmond Road, Putney.

WEDNESDAYS and Sundays; Relief work; qualified; good Salesman. "Optics" (35/29), Office of this Paper.

MANAGER or Dispenser; qualified; good experience; also Prescriber. "Chemicus," 493 Seven Sisters Road, N.

PART-TIME; London; unqualified; tall; good references; Photography, Dispensing; 25; live out. 36/22, Office of this Paper.

LOCUM; 33; brisk Retail, Dispensing, and Photographic experience; good references. "F. C. S.," 88 North Road, Bishopston, Bristol.

DISPENSER to Surgeons; unqualified; highest references; quick, accurate; thoroughly experienced. "B. C.," 503 Southwark Park Road, S.E.

WHOLESALE.

WANTED, situation as Laboratory hand. W. Best, 3 Warner Street, New Kent Road.

MANUFACTURING Perfumer desires position with good firm. 34/17, Office of this Paper.

AS Druggist's Porter, Warehouseman, or Stockkeeper. "H. E.," 82 Ifield Road, South Kensington.

ASSISTANT seeks situation; Wholesale or Retail; good Dispenser. R. M. Causland, 23 Plasturton Avenue, Cardiff.

AS Assistant in Wholesale; 11 years' Retail, provincial, and Wholesale experience. 32/9, Office of this Paper.

TRAVELLER, sound connection, wants Side-line with part expenses; South Wales, West England. Fernlea, Pontnewydd, Mon.

ADVERTISER (25) desires position of trust; accustomed to controlling; any department; London preferred. 36/25, Office of this Paper.

INDIA and Burmah.—Advertiser, now in London, wants Agencies; advertising undertaken; experienced; references. 35/9, Office of this Paper.

TRAVELLER (young); 3 years' London and suburbs; Packed Drugs, Toilet Preparations, Medicated Lozenges. 36/11, Office of this Paper.

GENTLEMAN (22), unqualified, Wholesale and Retail experience, seeks post as Traveller calling on Doctors and Chemists. 35/33, Office of this Paper.

PERFUMIER (German, speaking English), well acquainted with manufacture of Perfumes and Cosmetiques, seeks situation. A. Welm, 28 Finsbury Square, E.C.

TRAVELLER; sound connection; 10 years continuous one firm; South and West England, Wales; Drugs, Sundries, Packed Goods. "X.," 3 Merton Road, Walthamstow.

WELL-EDUCATED youth requires situation in Wholesale Laboratory; 4 years' Dispensing and Retail experience; highest references. "Progress" (29/17), Office of this Paper.

TRAVELLER. Minor man, open for engagement; Northern Counties; 11 years' experience; tall; good address. State salary, commission, etc., offered. 33/34, Office of this Paper.

YOUTH (19) seeks situation as Laboratory Assistant; home or abroad; 2 years' experience in Chemical Laboratory; excellent references. Please reply, Waters, The Horns, Horns Road, Ilford.

LADY Clerk and Cashier desires situation in Wholesale house, London; 7 years' experience in trade; excellent references; capable of controlling; age 27 years. Apply, 35/22, Office of this Paper.

CHEMIST out of business desires outdoor engagement, Drugs, Sundries, Perfumery, etc.; South Wales district; highest references; will interview if needed. Address, in first instance, to "Drug," 127 Claude Road, Cardiff.

REPRESENTATIVE important firm desires change; sound connection Chemists, Grocers, etc., Southern and Eastern Counties; Alcohol, Perfumes, or kindred lines; tactful, energetic, successful. 32/5, Office of this Paper.

TRAVELLER, energetic, experienced, and with connection, is open to Represent leading General Drug or similar house; can interview in London (Exhibition or elsewhere), 13th and 14th. Address preliminary particulars, "Pharmacist" (35/32), Office of this Paper.

CHEMIST, Manufacturing and Analytical, of very varied experience; Specialist in Toilet Requisites, Packed Goods, etc.; all-round business training, original and inventive; capable manager and highly recommended as a capable Chemist. "Rex" (28/26), Office of this Paper.

GENTLEMAN resident near Newcastle-on-Tyne desires to Represent first-class house in North of England; Drugs, Sundries, or Perfumery; experienced; in town Wednesday and Thursday for Chemists' Exhibition; would arrange interview. "Dunelm" (33/19), Office of this Paper.

MANUFACTURING Chemist (F.C.S.), with considerable practical experience of general manufacturing and Specialities in large works, London, desires engagement in Wholesale Druggist's business; Analyst; commercial experience all departments; investment considered if required. 35/37, Office of this Paper.

MISCELLANEOUS.

Pharmaceutical Council Election

TO THE MEMBERS OF THE PHARMACEUTICAL SOCIETY

LADIES & GENTLEMEN,

Having been nominated as a candidate for the forthcoming Council Election, I have yielded to the pressure which has been brought to bear on me by prominent pharmacists throughout the country who have offered practical support, and have agreed to stand as a candidate for the vacancy on the Council.

POISONS AND PHARMACY ACT.

As a practical every-day pharmacist, with my living to make behind the counter, I am very keenly interested in pharmaceutical reform, and especially in the new Poisons and Pharmacy Act. The whole question, which is of vital importance to us as business men, depends on the administration of the Act by the Council of the Society. This Act does not necessarily bring in its train very many special advantages to individual Pharmacists, but I firmly believe that a great deal can be extracted out of its provisions by the prompt action of the Council of the Society in working it to its utmost limits so as to secure the maximum advantage for those who, as private Pharmacists, practise the calling of pharmacy under present-day conditions.

Certainly no time should be lost in taking the necessary steps to secure the utmost benefits therefrom in the interests of personal Pharmacists, as opposed to corporate trading concerns of all kinds.

POISON LICENCES.

I hold the opinion that the Council should support, in every practical way, the taking of such steps as may be necessary to prevent, as far as is legally possible, the granting of poison licences in local areas in direct business opposition to practising pharmacists.

TITLE.

With regard to the title "Pharmacist," I am in favour of the Council taking prompt measures to place the absolute exclusiveness of its use beyond all possibility of doubt, and by securing the restriction of the word "Pharmacy" to an establishment owned and controlled by a personal private pharmacist; thus to make the new title as valuable as possible to its legal possessors.

I am a strong believer in the whole local Association movement, and as President of the Thames Valley District Chemists' Association, I have taken a somewhat prominent part in this work.

If elected I would urge upon the Society's Council the desirability of placing the various local Associations upon their proper level in the organisation work of the Pharmaceutical Society.

ORGANISATION.

I am also a firm believer in organisation, especially as applied to the pharmaceutical calling, and should favour any special scheme of reform in that direction, and would also be prepared to help in the formation of some such scheme, with the object of effectively linking up the whole of the members of the Pharmaceutical Society. As a practical pharmacist myself, if elected to the Council, I should devote my energies to doing all I could for the individual pharmacists in business throughout the country; to safeguard their interests, to promote their welfare, and to improve, in every possible way, the conditions under which we all practise our every-day calling.

I firmly believe that a good deal could be done in this direction by the representation on the Society's Council of the younger generation of practical retail pharmacists, who are fully alive to the several disadvantageous conditions under which the pharmacist in actual business suffers at the present time.

In the past I have devoted as much of my time as was possible to the cause of pharmacy. I have not sought the honour which those who have nominated me have conferred on me, but I am conversant with the needs of both Town and Country Pharmacists, and it will be a pleasure to me in the future, as in the past, to do whatever lies within my powers to promote the true interests of pharmacy.

May I solicit your votes and active support on my behalf?

Your obedient servant,

E. T. NEATHERCOAT.

Pharmaceutical Council Election

TO THE MEMBERS OF THE PHARMACEUTICAL SOCIETY.

LADIES & GENTLEMEN,

Mr. David Storrar, of Kirkcaldy, having last year resigned his seat as a Member of the Council of the Pharmaceutical Society, a vacancy was created which was filled by the co-option of the Council. Having been nominated by general consent of the members of the Society in Scotland, I agreed to place my services at their disposal, and, the Council having endorsed their choice, I had the honour of being unanimously co-opted to fill the vacancy. In ordinary course Mr. Storrar would have retired at the present time, and as his successor it devolves upon me now to appeal to the members of the Society to ratify the choice of my fellow-pharmacists in Scotland and renew my period of service on the Council of the Society.

Having been engaged in practice as a Pharmaceutical Chemist in a large provincial town for nearly 30 years, and having had experience as a Member of the Board of Examiners for Scotland, and of the Executive of the North British Branch, and as Divisional Secretary for several years and latterly as President of the Fifeshire Chemists' Association, I have acquired a knowledge of pharmaceutical affairs which I believe will enable me to render useful service on the Council to my fellow-pharmacists.

During the period that I have served on the Council it has been my privilege to participate as a provincial pharmacist in the efforts to obtain those adequate modifications of the legislative proposals of the Government which have resulted in the Poisons and Pharmacy Act, 1908. In other directions also, both by word and vote, it has been my aim to secure consideration of the requirements of provincial pharmacists in the administration of the Pharmacy Acts, and to influence the decisions of the Council for the advancement of the interests of Retail Chemists.

Although I have taken the place on the Council of a Scottish pharmacist, and am in business in Scotland, my periodical visits to London and participation in the business of the Council month by month have made me acquainted with the needs of our craft in all parts of Great Britain, and it is as a British Pharmacist, open to consider the circumstances of all retailers in the Drug trade of England, Scotland, and Wales, that I should desire to continue on the Council.

It is therefore as one of yourselves, acquainted with all the difficulties which may be remedied by the adequate administration of the legislative powers with which the Pharmaceutical Society has been entrusted, that I respectfully solicit your votes and support.

I am, yours faithfully,

Dunfermline, 1909. DAVID GILMOUR.

McADAM & TUCKNISS, Sharedealers, 30 Tranquil Vale, Blackheath, S.E. Telephone 81 Lee Green.

SHARES FOR SALE (free of commission, subject).—10 Benger's Ordinary, 27*s.* 4½*d.* x.d.; 40 Camwal Prefs., 7*s.* 6*d.*; 150 Peek Frean Prefs., 19*s.* 9*d.*; 50 Evans Lescher Prefs., £5 3*s.*; 300 G. B. Kent Prefs., 17*s.* 6*d.*; 130 A. J. White Prefs., 12*s.* 4½*d.*; 50 Brunner Mond, 98*s.*; 25 Claudius Ash 5½ per cent. Prefs., 23*s.* 3*d.*

WANTED (subject).—4 Camwal Debentures £33 15*s.*, 200 Prefs. 6*s.* 3*d.*; 30 Evans Lescher Prefs., 93*s.*

List of shares for sale and wanted sent free on application. Bankers, London and County. Established 1898.

CHEMISTS' SHOP-FITTINGS (SECOND-HAND).—Ranges mahogany drawers, with bevelled-edge glass labels and cut-glass knobs, shelving above, lockers below; mahogany dispensing-screens, counters with glass-case fronts, wall-cases, bent-front and flat-top counter-cases, counter-desks, tooth-brush cases, complete shop-rounds, etc.; every requisite for chemists; extensive stock to select from at extremely low prices; practical men sent to all parts; illustrated catalogues and estimates free. MATTHEWS, CHEMISTS' FITTER, 14 and 16 MANCHESTER STREET, LIVERPOOL.

WE HAVE WHAT YOU REQUIRE, Drug Fittings, Counters, Wall-cases, Dispensing-screens, Perfume-cases, etc., in almost all sizes; second-hand; condition first-class; prices reasonable. Write for sketches and details giving approximate sizes, or call and inspect. RUDDUCK & CO., 262 OLD STREET, E.C.

DENTAL MECHANIC.—T. Barton, 194 Mansfield Road, Nottingham. Telephone 3898. Best workmanship in Vulcanite, Gold, D.A., etc.; Crowns, Bridges, and Inlays a speciality; prompt despatch my leading feature; repairs per return; every assistance and advice given to clients.

POISONS AND PHARMACY ACT, 1908.

CHART OF NEW CONDITIONS.

THE Vice-President of the Pharmaceutical Society writes: "It seems to me to be the very thing that was wanted, and we have hung it up in the Pharmacy for easy reference."

6d. Post Free.

EVANS, GADD & CO., LTD., Bristol and Exeter.

BUDGET, 1909.—Special offer to 50 Chemists, as an Advertisement.—A well-written card informing customers that owing to increase of Spirit-duty prices of all Drugs containing it have been advanced accordingly; saves time and worry; post free P.O. 1*s.* to first 50. "Specialist" (33/16), Office of this Paper.

Council Election.

MR. D. GILMOUR'S CANDIDATURE.

TO THE MEMBERS OF THE PHARMACEUTICAL SOCIETY OF GREAT BRITAIN.

LADIES AND GENTLEMEN,

May we venture earnestly to commend the claims of Mr. D. Gilmour to the support and suffrages of all members of the Society? Mr. Gilmour, who was co-opted a member of Council in October, 1908, to fill the vacancy created by the resignation of Mr. D. Storrar, is a representative retail pharmacist, and as such is thoroughly conversant with the complex business conditions and needs of the class to which he belongs. He has also a wide and varied training in, and systematic experience of, administrative work as a member of public bodies in the historic burgh of Dunfermline. Always actively interested in public pharmaceutical affairs, he has acceptably occupied responsible positions, both as a member of the Board of Examiners for Scotland and of the Executive of the N.B. Branch of the Pharmaceutical Society.

In addition to this comprehensive knowledge and experience of the affairs and interests with which the work of the Council is chiefly concerned, Mr. Gilmour possesses exceptional personal qualifications for the office and duties of a Councillor, in respect of his broad-mindedness, great practical sagacity, and enlightened conscientiousness. So that in every way he is worthy to succeed a man, Mr. David Storrar, whom all pharmacists in the United Kingdom delight to honour.

J. P. GILMOUR, Chairman of Executive, N.B.B.
J. W. SUTHERLAND, President, Glasgow and West of Scotland Chemists' Assoc.
C. A. MACPHERSON, Chairman, Edinburgh Chemists' Trade Assoc.
ROBERT LESLIE, President, Aberdeen Pharmaceutical Assoc.
J. S. WHYTE, President, Forfarshire Chemists' Assoc.
W. B. COWIE, Edinburgh, Hon. Sec., Election Committee.

BARGAINS IN SECONDHAND FITTINGS.—12 ft. range of drug-drawers, gold labelled and glass knobs, £6; 12-ft. range of mahogany with glass labels and knobs, £8 5*s.*; one set of three plate-glass shelves, 6 ft. long, 15, 12, and 9 in. wide, bars and brackets, 63*s.*; one set of ditto, 5 ft. long, 55*s.*; one set of ditto, 4 ft. long, 42*s.*; one set, 3 ft. long, 30*s.*; 6-ft. mirror-centre dispensing-screen 90*s.*; 12 2-lb. dome-top pink jars, gold labelled, 28*s.*; 120 recess label rounds, £8 10*s.* R. Tomlinson & Sons, Bond Street, Constitution Hill, Birmingham.

POISONS SCHEDULE, *according to the New Act*, reprinted from THE CHEMIST AND DRUGGIST, with a supplementary list of admixtures, preparations, and other articles brought within the Schedule. On a card (Schedule in front, list at the back) to hang up; price 6*d.*, post free, from the Office of the *C. & D.*, 42 Cannon Street, London, E.C.; or at the published price from the leading Wholesale houses.

Dose Tables for Students of Pharmacy.

A TWENTY-FOUR page booklet showing the adult doses in ordinary cases of the principal medicinal agents, with metric equivalents for dispensing and a complete table of atomic weights, comprising the B.P. figures and the International Committee's latest pronouncements (O=16 and H=1). The booklet measures 4 in. by 2½ in., and can be carried in the vest pocket. To be obtained from THE CHEMIST AND DRUGGIST (Book Department), 42 Cannon Street, London, E.C., for THREE PENNY STAMPS PER COPY, POST FREE.

CHEMISTS' FITTINGS (Second-hand).—Large stock of drug-fittings, wall-cases, counters, counter-cases, dispensing-screens, shop-rounds, etc., etc.; cheapest house in the trade for alterations, window-enclosures, glass facias, stall-plates; estimates free. H. Mills, Chemists' Complete Shopfitter, Shop-front Builder, Steam Works, 163-5 Old Street, London, E.C.

COMPLETE FITTINGS for SHOP (in excellent condition, as good as new).—12-ft. drug-fitting, drawers, lockers, shelving, and cornice; 6-ft. wallcase in two heights; 6-ft. screen, mirror centre, cases on each side, counter under; 8-ft. serving-counter; perfume case and desk; counter case; £32 10*s.* complete. PHILIP JOSEPHS & SONS, 93 Old Street, London, E.C.

TO Apprentices, Juniors, etc.—Mr. Charles Harker's simple and rapid system of Postal Instruction for all preliminaries is the least expensive and most thorough; numerous successes in 4 and 6 months; special attention given to gentlemen of neglected education; undivided attention; an ideal training for private or country students; very moderate terms. Charles Harker, 239 Chapter Road, Cricklewood, London, N.W.

BUILD UP YOUR BUSINESS

not by catchpenny ideas, but by systematic advertising, attractive window displays, good business ideas.

Increase the sale of your own specialities—by doing so, your profits. A pharmacist writes, "Have sold 100 bottles from advt. and show, and it is still selling." Booklet, "How to Increase Your Business," explaining my business-pulling system, post free to Pharmacists.

J. R. B. ALLISON, Pharmacist and Business Specialist, RETFORD.

Progressive Pharmacists are invited to attend

A MEETING

at the CHEMISTS' EXHIBITION, Royal Horticultural Hall, on TUESDAY, MAY 11th, at 8 P.M., to encourage and develop a better and

MORE EFFECTIVE ORGANISATION.

MANUFACTURE OF YEAST AND VINEGAR.

Information wanted by a Colonial firm from makers of plants for the production of Compressed Yeast and Vinegar on a modern scale.

Also practical man experienced in the manufacture of these lines.

Catalogues, prices, and all particulars to 5/25, Office of this paper.

NOW IS THE TIME,

when the Easter holidays are over, to plan out your Summer campaign. If you are in need of new ideas put the matter in our hands. We can aid you to increase your income at a small expenditure. Write for a copy of our booklet, "Business Success."

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to that wonderful Business Building Retail Profit-making System, which gets there every time. Read this:—

"2/5/09. Just a line to say I've bursted the record. April 1908 £41; April 1909 £66; increase £25."

Note by B.S.—This Chemist joined my "happy band" July 30th, 1908. 500 more similar testimonies.

Shake off your incredulity and ask for FREE Booklet, estimate of cost, &c. My first and second clients are on the Register yet.

Dozens of clients of three years' standing; what does this prove?

BERNARD SLACK, Princes Chambers, WOLVERHAMPTON.

EXCHANGE COLUMN

FOR DISPOSAL.

APPARATUS.

FOR sale, small tincture-press; scarcely used; or exchange for Martindale's latest "Pharmacopœia." ROWE, Chemist, Starcross.

BOOKS AND PERIODICALS.

WHAT offers?—Squire's "Companion" (17th edition), "B.P." 1898, Martindale's. "CHEMIST," Thaxted, Essex.

CASH offers wanted.—"Pharmaceutical Journal": first series, 1841 to 1859; second, 1859 to 1870; third, 1870 to 1875; all half-bound; 1875 to December 1886, unbound; "Year-book of Pharmacy," 1870 to 1893, 24 vols. HODKINSON, Pharmacist, Macclesfield.

BOOKS.—18 vols. (1 to 18), "Journal of Society of Chemical Industry," 1 to 14 bound in half-calf, cloth sides; 3 vols. Allen's "Commercial Organic Analysis"; Sutton's "Volumetric Analysis"; 2 vols. Roscoe and Schorlemmer's "Chemistry"; Blyth's "Foods Compos. and Analysis"; Crooke's "Select Methods," and others. Address, CAMMACK, 34 Wolseley Road, St. Helens, Lancashire.

DENTAL.

DENTAL showcase specimens; tablet, brass plates and pillar; Massey's odd diatoricas fronts, 3s. per 100. GILBERT, Stretton Lodge, Putney.

FORMULÆ.

RECIPE for sale.—Sauce, 4d. gal. FRANCE, 42 Vartry Road, London, N.

THOROUGHLY efficacious nursery (nit) pomade; nice; profitable; label; 5s. DODDS, Crumlin, Antrim.

SPLENDID speciality.—Soothing-syrup for children teething; prevents convulsions; P.O. 1s. 1d. PROVOST, 26 South Hill Park, Hampstead, London, N.W.

OPTICAL AND PHOTOGRAPHIC.

MICROSCOPE; a 2-guinea instrument, in mahogany case; in excellent condition; sacrifice 15s. "TEMPUS," c/o Miss Crosher, 219 Oliver Street, Birkenhead.

LANCASTER'S ½-plate Instantograph camera, three D.D. slides, Thornton-Pickard shutter, stand; complete 60s.; excellent condition. "CHEMIST," 31 High Street, Winchester.

PROPRIETARY ARTICLES.

WHAT offers for a case of Carabana water? PATER, Pharmacist, Sheffield.

SHARES.

SHARES for Sale. See page 81.

SHOP FITTINGS.

DOORWAY show-case for sale; cheap. CROUCH, 34 Barbican, E.C.

THREE show-carboys, with cut-glass stoppers; about 12 gals.; pear-shape; splendid condition; cheap. 32/26, Office of this Paper.

CHEAP.—What offer; nearly new; 40 32-oz. N.M. bottles, labelled; 38 20-oz. ditto; 29 2-lb. wide-mouth; 35 1-lb. ditto; 1 doz. 30-oz. blue syrup bottles; 1 doz. 4-lb. pink jars; 13 8-lb. ditto; 7 7-lb. pastille jars; large carboy. TATE, Chemist, 7 Belgrave Mansions, S.W.

MISCELLANEOUS.

TWO good proprietaries; particulars to genuine buyers only. Reference, etc., to "GENUINE" (30/32), Office of this Paper.

BOTTLES; all best amber; 4 flat pand.; 1½-oz. and ½-oz. vials; 8s., 5s., and 4s. per gross. Dr. HORN, "Bryanston," Bournemouth.

WANTED.

QUART Thermos flask, as new. WHITBY & Co., Chemists, Winsford, Cheshire.

DENTIST'S vulcaniser, etc. CURRIE, 55A Lee Crescent, Edgbaston, Birmingham.

C. & D., November 24, 1906. "CHEMICUS," 54 Darnell Street, Newcastle-on-Tyne.

CASSELL'S "Family Physician," 5 vols. Lowest price, HAYTON, Wigton, Cumberland.

TO procure a copy of A. Browne, Leicester, price-list; what offers? 37/55, Office of this Paper.

MINOR, Major, Chemists' books.—Send prepaid for valuation; cash offers per return. GOWER, Bookseller, Waterloo, Liverpool.

BRITISH-MADE tablet-machines. Send particulars and prices to Laboratorio de la Droguería del Dr. JOHNSON, Havana, Cuba.

LARGE showcase for shop; second-hand; good condition. Send full particulars, with price, to THOMSON, Chemist, Queen's Crescent, N.W.

SECOND-HAND 2-flask vulcaniser and dental engine required; also cheap chair. Write, stating lowest price, "W. E.," 30 Finsbury Pavement, London, E.C.

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are mailed every week to hundreds of inquirers, and delivered to them on Friday by the same post as "The Chemist and Druggist." They are thus enabled to reply very promptly to any advertisement which suits their needs. All that is necessary to secure the Supplement in this manner is to send a supply of stamped and addressed wrappers or envelopes to ***The Publisher*** of "The Chemist and Druggist," 42 Cannon Street, London, E.C., when a Supplement will be mailed every week for delivery in any part of the country, as stated above. Inquirers thus save the trouble of weekly application, and are sure of getting what they want, because "The Chemist and Druggist" Supplement is not only the approved medium for advertisements of this character, but has the largest circulation and gives the best results.

The Supplement may also be obtained on personal application at or after 9 a.m. on Friday Mornings at 42 CANNON STREET, LONDON, E.C.

Association Affairs.

Brief Records.

Croydon Association.—It is proposed to form a Chemists' Association for Croydon and district. Mr. H. Paget Matthews, chemist and druggist, 38 George Street, Croydon, is arranging a meeting of the trade for June.

Cheltenham and District Chemists' Association.—A meeting was held at the New Inn Hotel, Gloucester, on Thursday, April 29, Mr. A. J. Wells in the chair. Messrs. J. A. Thomas, C. H. James, W. H. Hampton, W. Marchant, and W. H. Hill (Hon. Secretary) were also present. Mr. J. A. Thomas brought forward some points in the Poisons and Pharmacy Act, and all the members joined in the discussion that followed, a hearty vote of thanks being accorded to Mr. Thomas.

National Union of Assistant Pharmacists.—A meeting of this body was held at Birmingham on May 2, when a resolution was passed urging upon the Government the pressing need of including the workers in chemists' shops in the promised Shop Hours Bill. The resolution set forth that no body of workers suffer more from the evil of long hours than the employés in pharmacy, and matters of urgency did not demand the keeping open of shops to the extent of the hopelessly long hours which prevailed for the most part to-day.

Smoking Concert.—The annual smoking concert of the Public Pharmacists' and Dispensers' Association was held at Stone's Restaurant on May 5, when Mr. F. Noad Clark presided over a large gathering. Mr. R. W. Lindsey (Chairman of the Association) gave a brief address during the interval on the need of union among Institution pharmacists. The artistes were Messrs. C. R. and H. V. Lewis, Harry Bourne, Sydney Jamieson, O. A. Elias, W. Palmer, and Percy Clifton, who rendered songs, while Mr. Ernest C. Noakes provided a magical entertainment. Mr. Wm. Duff was responsible for the excellent programme, and Mr. R. J. Duff acted as accompanist.

Colour Photography.—On April 7 the members of the Manchester and North of England Optical Society met at the Manchester School of Technology to listen to a lantern-lecture on "Colour Photography" (the autochrome process) by Mr. C. W. Gamble, M.Sc.Tech. The President (Mr. J. C. Kidd) occupied the chair. At the outset the lecturer dealt with the subject of white light, its composition, and showed experimentally how the component parts could be reunited. Proceeding, the nature of colours, the Young-Helmholtz theory, and principles of colour-vision were made clear. Mr. Gamble then explained the difference between the mixing of coloured lights and pigment colours, and then gave some interesting particulars of Lumière's autochrome process.

Early Closing.—A meeting of the Dundee Pharmacists' Association was held in Mathers' Hotel on April 29, Mr. R. H. Lindsay presiding. It was reported that forty signatures had been obtained to the proposal to close on Wednesdays at 3 o'clock for the day during June, July, August, and September, and that twenty-nine medical men had signed a paper expressing sympathy with the efforts being made to curtail chemists' hours. The Chairman reminded the meeting that the proposal to close for the day on Wednesdays was not a new one, as he had a record of signatures taken twenty years ago when one chemist favoured that plan. The question of Sunday hours was left in abeyance, and a proposal to close all day on Victoria Day was lost by the casting vote of the Chairman. The meeting was largely attended and enthusiastic.

Shorter Hours.—At a meeting of the Birkenhead and Wirral Chemists' Association, held at the Association Rooms, Hamilton Street, Birkenhead, on April 29, the President (Mr. F. C. Cooling) opened a discussion on "Shorter Hours for Pharmacists." He said the Association represented different classes of the business, but the man to whom most thought should be given is the single-handed man with a business that depends largely on the amount of trade done in the evening. His own opinion is that a pharmacist's calling is practically what he makes it himself. The public do not want the pharmacist to work long hours, but they have been educated to expect shops open late in the evening. The public would conform to any reasonable alteration in hours. As a result of the President's remarks, a committee was formed to consider the subject.

Scarborough Pharmacists.—On April 30 a meeting of the Scarborough Association of Pharmacists was held at the residence of Mr. Hill, 102 Castle Road, when the following members were present: The President (Mr. Geo. Whitfield), Miss Hill, Messrs. R. M. Hill, E. R. Cross, E. M. Chapman, Eyre, Meadley, Parker, Longdin, Hunt, Newton, Kelsey, and Senior (Secretary). The President complimented Miss Hill on her success in the recent Major examination. The title of the Association was altered to "The Scarborough Association of Pharmacists." The Secretary having already written to the Borough Council with regard to licences under the new Poisons and Pharmacy Act, Messrs. E. M. Chapman and W. Eyre were asked to write on the same subject to the North and East Riding Councils. Mr. Eyre then made a few remarks on the loose way in which poisonous liniments, etc., are sent out by some medical men and hospitals. It was resolved that a letter be sent to the proper authorities pointing out these matters.

Tunbridge Wells Pharmacists.—A general meeting of the Tunbridge Wells Association of Pharmacists was held at 33 Mount Pleasant on April 27, the President (Mr. B. Chatterton) in the chair. There was a good attendance of members. After the formal business, the position with regard to poison licences under the Poisons and Pharmacy Act was discussed. Three persons have applied for licences under this section within the borough of Tunbridge Wells. The Hon. Secretary reported that he had informed the Borough Council that it was the intention of the Association to oppose the granting of these licences, and asking the Council to afford the Association an opportunity of bringing evidence before them as to why such licences were unnecessary. There are seventeen businesses carried on by pharmacists, all of which are supplying the poisonous preparations in question. Mr. A. E. Hobbs was appointed a delegate to the British Pharmaceutical Conference at Newcastle.

York Chemists' Association.—The annual meeting of this Association was held in the Old George Hotel on April 29. There were present: Messrs. F. A. Newey (President), J. A. Lupton (Treasurer), W. P. Saville, W. Dewhurst, W. Lowray, G. E. Walker, G. E. Woodhouse, H. Chapman, M. F. Burgin, and T. C. Atkinson (Hon. Secretary). Mr. F. C. Hey was elected a member. It was decided to oppose the granting of licences to seedsmen and others for the sale of agricultural and horticultural poisons, and a committee was appointed to lay the case before a solicitor. The annual reports were then approved, the Treasurer's report showing a balance in hand of nearly 15*l*. The election of officers resulted as follows: President, Mr. W. Dewhurst; Treasurer, Mr. J. A. Lupton; Hon. Secretary, Mr. T. C. Atkinson; Auditor, Mr. H. Chapman; Committee, Messrs. T. E. Batty, W. Lowray, W. P. Saville, F. A. Newey, G. E. Woodhouse, G. E. Walker, and M. F. Burgin. Votes of thanks concluded the business.

Chemist-Opticians.—The fifth annual report of the Society of Chemist-Opticians which has been sent us shows that the Society is in a flourishing condition. The report only covers eight months owing to the alteration made in the rules at the last annual meeting. The number of adherents has increased by fourteen. The library has been popular with the members, and new volumes have been added. Reference is made to the death of Mr. Julius Cæsar, a past-President of the Society, and particulars are given of the conferences held during the year. A beginning has been made with the decentralisation scheme determined upon at the last annual meeting, six district correspondents having been appointed in various parts of the country. It is noted that owing to the delays of the Spectacle-makers' Company in matters affecting the examination scheme a motion is to be brought forward at the annual meeting to alter one of the objects of the Society so that greater freedom of action will be given in the future. The accounts show cash in hand of 51*l*. 15*s*. 2*d*., which with other assets show that the Society has a total in hand of 60*l*. 7*s*. 2*d*. At the annual meeting, which is to be held at the Chemists' Exhibition on May 13, Mr. Lawrance is to lecture on "The Scope of an Optician's Work."

Grimsby and District Chemists' and Druggists' Association.—A general meeting of the above was held at Walton's Hotel on Monday, May 3, at 9 P.M. Among those present were Messrs. Cor. Willson (President, in the chair), C. H. Ashton, H. W. Colley, C. Dewing, T. W. Ellis, W. E. Humphrey, H. Schofield, T. D. Sneath, and the Hon. Secretaries, C. N. Chapman and T. W. Heely. A Sub-Committee was appointed to deal with applications for Section 2 licences. A letter from the British Pharmaceutical Conference was read asking for delegates to the July meeting, but as no member of the Association is a member of the B.P.C., the letter was allowed to lie on the table. The proposed reconstruction of the Federation produced an animated discussion, and, on the motion of Mr. Colley, seconded by Mr. Ashton, it was agreed not to approve of the Plymouth resolution. The increased duty on S.V.R., as affecting pharmacists was introduced by Mr. Colley, and it was decided, on the motion of Mr. W. E. Humphrey, that the Secretaries write to the borough member, to the Secretary of the Federation, and to the Secretary of the Pharmaceutical Society, urging all pharmacists to request their member to oppose the increase of duty upon alcohol used for medicinal purposes. The question of the summer excursion was left to the Secretaries to deal with.

The Budget.—A special meeting of the North Staffs Chemists' Association, convened for the purpose of discussing the effect of the new duties on spirits imposed under the Budget upon the drug-trade, was held on Wednesday evening, May 5, at the Roebuck Hotel, Stoke-upon-Trent, Mr. Edmund Jones (President) in the chair. After discussion the Hon. Secretary was instructed to communicate with the Birmingham and Wolverhampton Associations with a view to arranging a combined picnic this summer. The local water-rate and the reconstruction of the Federation were also discussed. Then the President introduced the question of the increased spirit-duty, and after a full discussion the following resolution was unanimously agreed to, and it was decided to send a copy to Mr. Lloyd George forthwith:

> That, in the absence of a clear statement as to whether commercial alcohol used in the drug-trade is to be exempt from the new additional duties, the North Staffs Chemists' Association respectfully suggests to the Chancellor of the Exchequer that if the new Budget is intended to impose the additional duty on spirit used in the manufacture of pharmaceutical preparations for medicinal purposes it will inflict much hardship on he poor, and also upon hospitals and other charitable institutions, inasmuch as it will involve a considerable increase in the prices of all spirituous medicines, which are largely employed in medical treatment. This Association therefore hopes that the Right Hon. Gentleman will give his serious and most charitable consideration to this matter.

It was unanimously resolved to support the candidature of Mr. F. J. Gibson, of Wolverhampton, for membership of the Pharmaceutical Council.

Bradford Chemists' Association.—The annual meeting of this Association was held on May 4 at the Royal Hotel. The President (Mr. D. S. Priestley) occupied the chair. The Secretary (Mr. W. H. Smithies) in his report stated that the number of members is 68, and the Treasurer's report showed a credit balance of 11*l.* 8*s.* 2*d.* The election of officers resulted as follows: Mr. J. Gordon was elected President; Mr. M. Firth and Mr. F. K. Taylor Vice-Presidents; Mr. R. T. Silson, Hon. Secretary; Mr. J. Holmes, Treasurer; Messrs. Calvert, W. E. Metcalfe, and Faull, members of Council; representative Vice-President of the Bradford Chamber of Trades, Mr. W. K. Jackson; delegates to the Chamber, Mr. W. J. Holmes and Mr. R. T. Silson. A discussion then took place regarding the Association's connection with the West Riding Federation of Chemists' Association and the Federation of Local Pharmaceutical Associations, and it was determined to sever the connection with both Federations. The meeting then considered the question of the advance of prices necessitated by the Budget charges. The President stated the effect of the changes, and it was generally agreed that the prices of all rectified spirit-tinctures should be increased one penny an ounce and all other tinctures a halfpenny an ounce. It was resolved to notify the members of the recommendation. The question of the proposed candidature of Mr. Glyn-Jones was considered, and it was resolved that the sum of 5*l.* should be contributed to the Parliamentary Representation Fund. The meeting ended with a vote of thanks to the retiring President and the other officers.

Dewsbury Pharmacists.—A meeting of the Dewsbury Association of Pharmacists was held on May 3, Mr. R. Broadhead, of Batley, presiding. There were also present Messrs. R. Gledhill, G. N. Gutteridge, G. Walker, Secretary (Dewsbury), S. N. Pickard (Ossett), H. Jones (Morley), A. B. Barker (Heckmondwike), J. Rhodes (Mirfield), W. Blakeley (Burstall), Jno. Day and R. J. H. Day (Savile Town). A discussion took place with regard to the Glaxo Co. supplying their goods to the Dewsbury Corporation for free distribution by the town's Matron, and the Secretary was authorised to write to the company requesting them to discontinue the practice. Mr. Gledhill reported that the Watch Committee of the Dewsbury Corporation appeared to be likely to grant a licence under the Poisons Act, and it was therefore decided to engage Mr. C. E. O. Walker, solicitor, to oppose the granting of a licence at the next meeting of the Watch Committee. With regard to the sale of "paregoric without opium" by unregistered persons, correspondence had pased between the County Council and the Association, and it was handed to Mr. Pickard to bring before the Chemist Defence Association. Mr. Pickard suggested with respect to the election of representatives on the Pharmaceutical Council that members of the Association should only vote for the candidates who are trading in their own names as individual pharmacists, and he recommended them to support Messrs. Gilmour, Neathercoat, and Gibson. The Chairman reported that a local drug-store is "cutting" virol. It was also stated that the Batley Co-operative Society were paying 2*s.* 10*d.* dividend on P.A.T.A. articles, and the drug-store had reduced the prices in order to compete with them. Mr. Pickard undertook to look into the matter on behalf of the P.A.T.A. Mr. J. Day was deputed to attend the meetings of the Chemists' Proprietaries Co. while visiting the Chemists' Exhibition, and report to a future meeting.

An Extraordinary Meeting of the Brighton Association of Pharmacy was held at 122 King's Road on Monday, May 3, at 9 P.M., to consider what steps should be taken to combat the demand for licences to sell horticultural poisons by seedsmen and others. Messrs. J. R. Gwatkin, C. E. Robinson, A. J. Franklin, G. B. Savage, Councillors W. W. Savage and C. G. Yates, Messrs. Ashton, Black, Blamey, Beckwith, Cain, Sidney Gibson, J. Padwick, R. J. Padwick, A. Plowright, and J. Plowright were present. Mr. Gibson, sen., presided. The regulations were discussed, and it was decided to oppose the applications, as they were considered totally unnecessary and contrary to the spirit of the Act. Each member was allotted certain members of the Council, constituting the local authority, to canvass and educate them up to the real purposes of the Act, and to request them to oppose the recommendation of the General Purposes Committee when it came up before the Council on Thursday. Letters were read from the Thames Valley and Huddersfield Associations, urging the claims of their respective candidates for the Pharmaceutical Council. Both candidates were recommended for support. The Budget came in for a large measure of criticism, and it was agreed that in consequence of the rise in price of alcohol the price of tinctures be advanced 1*d.* per oz., and it was hoped all local pharmacists would do the same.

[As a result of above-mentioned canvass of aldermen and councillors it was discovered that the Council knew very little about the Act, and when explained to them the majority seemed favourably disposed towards the non-granting of licences, and several promised to support the just claims of chemists.]

Federation of Local Pharmaceutical Associations.

MR. EDMUND JONES (Hanley), Hon. Secretary of the Federation, has this week sent the following letter to the Secretaries of Chemists' Associations in Great Britain:

PLYMOUTH SCHEME OF RECONSTRUCTION.—In consequence of the few replies from affiliated Associations received, in reply to my letter and circular of March 22, and which I attribute to the lateness of the session, not allowing time for the officials of the various Associations to make proper arrangements for discussion, it has been decided by the Executive to postpone the Federation meeting proposed to be held during Exhibition week, to the week of the British Pharmaceutical Conference to be held at Newcastle-on-Tyne in the last week in July. It is hoped that the Plymouth scheme, along with other suggested schemes, will be thoroughly considered by delegates and others interested in any action for the organisation and consolidation of pharmacists and their interests. I hope, however, to be at the Chemists' Exhibition on Wednesday, May 12, and would be glad to have a talk with any representatives of Associations on Federation matters.

THE BUDGET.—The imposition of increased duty on spirit has doubtless come as a surprise to pharmacists, and if the Budget is carried in its present form will necessitate a considerable alteration in the selling-prices of spirituous preparations, giving rise to much confusion and possible disturbance to business. You are probably aware that the Government are making a concession to medical men in regard to the duty payable on motor-cars used for professional purposes. It has occurred to me that pressure might with advantage be brought to bear upon the Treasury to make some concession in the duty on spirit used for medicinal purposes, having in view the hardship which will inevitably fall upon the afflicted poor by the increased cost of medicines. If your executive agree with me in this opinion, would it not be advisable to call a meeting at once, to pass a pertinent resolution to forward to the Chancellor of the Exchequer?

Edinburgh Chemists' Trade Association.

A MEETING of this Association was held at 36 York Place, Edinburgh, on April 29, Mr. C. A. Macpherson presiding.

SUNDAY-CLOSING.—There was an exchange of information among the members as to the manner in which the Sunday-closing question had been taken up, from which it appeared that the great majority of chemists had fallen in with the afternoon and evening hours for opening. The only districts in which there are defaulters are Dalry and Tollcross.

PARLIAMENTARY REPRESENTATION.—The Hon. Secretary (Mr. G. H. C. Rowland) read a letter by the President of the Pharmaceutical Society with reference to direct Parliamentary representation for pharmacists. The Secretary stated that the letter had been before the committee of the Association, and that it received favourable consideration. There was, however, some diversity of opinion, and, as the matter was one of considerable importance, the committee resolved to ascertain the opinion of the Association before coming to a decision. Mr. Glass thought it would be a great advantage to have direct representation in Parliament, although he did not think the Association had funds

to give it financial assistance. The Chairman and Mr. Forret expressed themselves against the proposal. Mr. Hill pointed out that it would be a great advantage to them to have in the House, and possibly on the Committees, a man who is so closely in touch with everything as is Mr. Glyn-Jones. It was ultimately agreed that the Chairman should reply to the President's letter favouring the principle of direct representation.

The Federation.—The members had before them the Plymouth Association's proposals for the reconstruction of the Federation of Local Pharmaceutical Associations. There seemed to be a unanimous opinion that the proposals are quite unsuitable for the end in view, and it was agreed to adhere to their former expression of opinion in favour of a reasonable arrangement being made for having a meeting at the time of the British Pharmaceutical Conference.

Other Items.—It was agreed to leave it to the committee to make arrangements for the annual excursion, and a suggestion was made that the place selected for the outing should be Dunkeld. The question was raised as to whether the title of the Association should be changed from Chemists' to Pharmacists', but it was agreed that no change should be made. It was remitted to Mr. J. R. Hill to prepare a list of registered pharmacists for the Edinburgh Directory to follow the lists of medical practitioners and registered dentists.

North Kent Chemists Dine.

The annual dinner was held at the Clarendon Royal Hotel, Gravesend, on May 5. At the annual meeting during the afternoon the officers were re-elected. Mr. A. Goldthorpe (President) occupied the chair at the dinner, and was supported by Mr. J. Rymer Young and Mr. W. S. Glyn-Jones. The other officers of the North Kent Association present were Mr. A. J. Wing (Vice-President), Messrs. T. Chesterfield, R. T. Clarke, W. E. Goff, A. W. Hanson (members of the committee), Mr. A. Stooke (Hon. Treasurer), and Mr. R. Feaver Clarke, J.P. Among the company were Messrs. D. U. Still, Hincliffe, Cunnington, Armitage, Pirrie (Camwal), two representatives of Evans Sons Lescher & Webb, Ltd., Ryder, J. J. John, J. Furber, E. T. Neathercoat, W. J. U. Woolcock, and W. R. Barnes. After the loyal toast had been given, that of "The Pharmaceutical Society" was proposed by the Chairman, who outlined his ideas on a pharmacists' Chamber of Commerce, which, apparently, was to include the Pharmaceutical Defence Union, the P.A.T.A., the Chemists' Defence Union, and the Federation, the formulators of which were to be sent to a desert island to complete the scheme. Mr. J. Rymer Young, in responding, alluded to recent legislative efforts, and after remarking that it would be like thrashing a dead horse to go into the benefits or disadvantages of the Poisons and Pharmacy Act, he, nevertheless, said that although the obnoxious Clause 2 was quite unnecessary and ought not to have been pushed upon chemists, there was much in the Bill that would redound to the best interests of pharmacy. They had to remember that the Bill was a Government Bill, which might have consisted of Clause 2. The Society's Council had been compelled to accept the Bill, but it had endeavoured to strip the clause of its venom. The numerous applications for licences were being treated in an utterly illogical and unfair way by the authorities, and it would have been "God help us" if they had not succeeded in drawing the sting of Clause 2. In the original clause laudanum for colic in an horse would have been a poison used for "agricultural and horticultural purposes," and any poison in the Pharmacopœia would come under that designation. Mr. Young then alluded to those concerned in the recent legislation, and gave instances in connection with the recent Budget as to why a pharmaceutical Parliamentary representative is needed. He called upon pharmacists "to put party politics in their pockets and have some pharmaceutical politics" and to support the Society's Parliamentary fund. Mr. Glyn-Jones followed with the toast of "The North Kent Chemists' Association." He stated that any class to hold its own must be organised, and he knew of no body, except the labouring classes, so well organised in the country as pharmacists. It was a strong statement, but he said it deliberately. Mr. Glyn-Jones then showed how the local associations should bring influence to bear upon the local authorities and to treat the municipal council members as they formerly treated members of Parliament, since the councillors were influenced by the first partisan, and the Association's members must get their case presented before the seedsmen. Mr. A. J. Wing briefly replied. The remaining toasts were those of "Kindred Associations," proposed by Mr. R. Feaver Clarke, and responded to by Mr. E. T. Neathercoat, and "The Chairman," given by Mr. W. J. U. Woolcock. The musical programme was much curtailed by the speeches.

Exeter Association of Pharmacists.

A Meeting of this Association was held on April 30, under the presidency of Mr. H. Wippell Gadd, there being also present Messrs. E. Lemmon, T. C. Milton, D. Reid, J. Hinton Lake, J. H. Lake, P. F. Rowsell, and F. W. Vinden.

A vote of condolence was passed with Mr. W. L. Currie, of Glasgow, on the death of his son, Mr. John Forbes Currie (*C. & D.*, May 1, p. 673).

Free Samples.—Mr. Rowsell mentioned that he had been waited upon by the representative of an American firm who are anxious to promote the sale of a proprietary preparation manufactured by them by means of a preliminary free distribution of samples. Seeing that the preparation contained a comparatively large amount of cocaine, he told the representative that he considered such a procedure to be absolutely contrary to the spirit of the Pharmacy Acts, and that it would be a source of grave public danger. It was unanimously resolved—

> That the Exeter and District Association of Pharmacists strongly deprecate the methods of an American firm, by which it is proposed to give away free samples of a proprietary preparation containing 2½ per cent. of cocaine, as involving great danger to the public and a heavy responsibility on any persons taking part in the distribution.

Cut Prices.—Mr. Rowsell also brought forward the question of the extremely low prices at which certain patent medicines and proprietary articles are being sold in Exeter, and it was resolved that the attention of the manufacturers be called to this with a view to bringing about a more satisfactory state of affairs.

Parliamentary Fund.—The Chairman reported that he had received a letter from the President of the Pharmaceutical Society asking him to join, as a representative of the Exeter Association, a committee which had been formed to promote the candidature of Mr. W. S. Glyn-Jones for a seat in Parliament. Mr. Gadd explained that the chief object of the movement is to raise a fund of 500*l.* to pay the election expenses of the proposed candidate, he being already in receipt of a salary from the Pharmaceutical Society as their Parliamentary Secretary. A general opinion in sympathy with the movement was expressed, and the President was requested to represent the Association on the committee and to report in order that the Association might determine whether it was advisable to subscribe to the fund.

The Spirit-duty.—Mr. Lemmon said he thought some representation should be made to Sir George Kekewich, the member for Exeter, in regard to the increased duty on spirituous preparations, which would so materially affect the retail price of medicines. This is an item in the Budget which will affect poor people in several ways, and Sir George should be urged to raise the question before the House of Commons with a view to securing a rebate on spirit used for medicinal purposes. The following resolution was carried:

> That the Exeter and District Association of Pharmacists view with alarm the great increase of the duty on spirit as affecting the retail price of medicines, and thereby causing great hardship to the general public and especially the sick poor. They therefore humbly submit that spirits used in the manufacture of medicinal preparations should be subject to a special rebate.

The meeting discussed the advisability of increasing the retail prices of articles affected by the increased duty, and the opinion was expressed that pharmacists would have no option but to increase prices.

Council Election.—The question of the forthcoming election to the Pharmaceutical Council was considered, and letters were read from Mr. F. J. Gibson, Wolverhampton, and Mr. E. T. Neathercoat, Weybridge, Surrey, in reference to their candidature. No formal resolution was, however, passed.

P.D.U.—A letter was read from the Pharmaceutical Defence Union asking for support and offering to send a representative to explain their scheme. Mr. Milton said chemists are satisfied with the work of the Chemists' Defence Association, and he saw no need for any further organisation. The letter was allowed to lie upon the table.

Coming Events.

Notices for insertion under this heading should be received by the Editor on Wednesday of each week.

Monday, May 10.

Chemists' Exhibition, Horticultural Hall, Vincent Square, Westminster, S.W., at 11 A.M. Exhibition opens and remains open till Friday evening.

Tuesday, May 11.

British Pharmacists' Association, Chemists' Exhibition, Vincent Square, London, S.W. Meetings at 2 and 6 P.M. The Secretary, Mr. R. Congdon, will also be present at his office, 77 Lamb's Conduit Street, London, W.C., daily from 6 to 8 P.M.

Proposed Union of British Pharmacists, Chemists' Exhibition, Vincent Square, London, S.W., at 8 P.M. Meeting organised by Mr. Moreton Parry, Liverpool.

Wednesday, May 12.

Royal Society of Arts, John Street, Adelphi, London, W.C., at 8 P.M. Professor A. Dendy on "The Principles of Heredity as Applied to the Artificial Production of New Forms of Plants and Animals" (Aldred Lecture).

Pharmaceutical Defence Union, Chemists' Exhibition, Vincent Square, London, S.W., at 7.30 P.M. Meeting.

Nottingham Pharmaceutical Association, Calvert's Café, Long Row, at 9 P.M. Annual general meeting and election of officers.

Joint Proprietaries Scheme, Chemists' Exhibition, Vincent, Square, London, S.W., at 2.30 P.M. Meeting of promoters.

Thursday, May 13.

Society of Chemist-Opticians, Chemists' Exhibition, Vincent Square, London, S.W., at 3 P.M. Annual meeting, followed by a paper by Mr. Lionel Laurance on "The Scope of the Opticians' Work."

National Union of Assistant Pharmacists, School of Pharmacy, Colquitt Street, Liverpool, at 9 P.M. Discussion on the objects of the Union and formation of a local branch.

Bath Pharmaceutical Association, Literary Institution, at 8.15 P.M. Mr. E. W. Loveless, "Reminiscences of Pharmacy in Bath."

Friday, May 14.

London Chemists' Association, Chemists' Exhibition, Vincent Square, London, S.W., at 3 P.M. General Meeting.

Royal Institution of Great Britain, Albemarle Street, Piccadilly, London, W., at 9 P.M. Prof. G. E. Hale on "Solar Vortices and Magnetic Fields."

COMPLIMENTARY BOHEMIAN CONCERT.—The St. Vincent Association is organising a complimentary concert to Mr. Sydney Jamieson, one of its Vice-Presidents, who is well known in London pharmaceutical circles as an ever-willing helper in social functions of the trade where music is required. The concert will be held in the Crown Room of the Holborn Restaurant on Monday evening, May 17, at half-past seven. Thirty artistes have promised their services, and a most varied programme will be submitted. Tickets, 2*s.* each, can be obtained from the Hon. Secretary, Mr. J. R. Bailey, 13 Devonshire Square; of any member of the Association; or of Mr. Sydney Jamieson, 7 Elgin Court, Elgin Avenue, Maida Vale, W.

THE annual meeting and dinner of the Forfarshire Chemists' Association is to be held on May 19. Tickets for the dinner (3*s.* 6*d.*), at 1 P.M., may be had from Mr. Wm. Cummings, Hon. Secretary, 49 Reform Street, Dundee. After dinner there will be a drive to Auchmithie, where tea will be served.

THE annual dinner of the Pharmaceutical Society will be held in the King's Hall, Holborn Restaurant, London, W.C., on May 18. Tickets (one guinea each) from the Secretary, 17 Bloomsbury Square, W.C.

Colonial and Foreign News.

PHARMACY LEGISLATION IN FINLAND.—The personal-grant system, modelled on Swedish lines, is to be the basis of the Apothecaries Bill to be introduced by the Senate of Finland. A committee has been appointed to consider the measure.

SWEDISH RADIUM AND URANIUM.—A company has been formed in Stockholm to work "kulm," or alum shale, for the uranium and radium which it contains. It is stated that a ton of the stuff yields 4 milligrams of radium bromide. The company has bought several inventions of Dr. Hellsing, and among those associated with the venture are Professor J. G. Anderson, director of the Swedish Geological Research Department, Professor Arrhenius, Professor Sjögren, Superintendent of the State Mineralogical Collections, and Mr. A. C. Waern. Kulm is obtained in enormous quantities in Västergötland, where the company has made extensive purchases of land.

CHECKING PRICE-CUTTING.—Several important manufacturers of patent medicines have recently brought joy to the hearts of the druggists in Omaha, Nebraska. These manufacturers, in contracting for advertisement-space in the Omaha newspapers, have stipulated in their contracts that these shall be considered null and void the instant a newspaper advertises the goods of the manufacturer at less than stipulated prices. Thus the cut-rate dealers of Omaha, not finding it possible to announce cut-rate campaigns in the newspapers, practically have the ground removed from beneath them.

PROPRIETARIES IN GERMANY.—According to the decision of the Hamburg Bureau entrusted with the testing of foreign proprietary medicines intended for the German market, "Ayer's Cherry Pectoral" is now charged with a Customs duty of 500m. (25*l.*) per dozen bottles. The official notice states that the recommendations enclosed with each bottle are likely to mislead the public, and that the composition of the article is not invariably the same. In the case of Cooper's sheep-wash powder it was decided to admit the preparation free of duty in view of the fact that it is purely a disinfectant.

THE UNIVERSITY OF LEIPZIG celebrates with the coming session its one-thousandth semester and the five-hundredth anniversary of its foundation. The University owes its foundation to the exodus of a large number of German students from Prague in 1409, as a protest against various measures taken by King Wenceslaus IV. of Bohemia, tending to curtail their privileges in favour of the Czechs. Two thousand students, led by two professors, went to Leipzig, where in the same year the Marggrave Frederick the Warlike founded the University. At present it is attended by over 5,000 students, about 200 of whom study pharmacy.

ONTARIO PHARMACY ACT.—An amendment of this Act has passed the Legislative Council by which general merchants may sell carbonate of magnesia, citrate of magnesia, Rochelle salts, blue stone, copperas, quinine, spirit of nitre, rhubarb-root, solution of ammonia, phosphate of soda, gum camphor, saltpetre, and chloride of lime. Hellebore, tincture of iodine, arsenate of lead, and a 5-per-cent. solution of carbolic acid have also been placed under the same regulations which have governed Paris green and London purple for a number of years. With these exceptions the Ontario Act retains the principle that drugs and medicines may only be sold and compounded by qualified pharmacists.

PATENT-LAW REVISION.—There is more or less disappointment in the drug-trade that Congress has cut out the retaliatory patent clause of the Payne Tariff Bill now being considered in Special Session. This clause would have operated somewhat like the new British Patent Act, and its effect would have been to compel holders of foreign patents to submit to the conditions which their own countries impose upon Americans. In many instances, too, foreign patentees would have been compelled to make their products on American soil. The clause was cut out by Congress, however, on the ground that it was in conflict with existing international treaties.

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panies were concerned, and declared that if it were possible to find a form of words which would not make it necessary for the appointment of a qualified person on the board of directors of the well-managed and properly conducted companies, but yet would hit the other impersonal bodies, he would recommend its acceptance. His Lordship actually submitted for consideration a draft of an amendment that might meet the case. That draft was the basis upon which, with the aid of earnest workers inside and outside the House, the Council was able to build up the protective provisions now embodied in Section 3 of the Poisons and Pharmacy Act. That it should have been possible to effect a change at all in a departmental measure that had received the approval of a Joint Select Committee and the House of Lords was in itself a significant achievement, but that the modification effected should have been so extensive and so radical in character is still more notable. The members of the Society should not overlook the fact that the reasonable compromise embodied in the new statute could not have been obtained without the assistance of Mr. Herbert Samuel, the Minister in charge of the Bill, and the year might have passed without pharmaceutical legislation at all but for the attitude of the officers of the Privy Council, who throughout the long and trying session manifested a sincere and active desire to reconcile reasonable freedom for trading interests with the public necessity for a real regulation of pharmaceutical practice. Both the Clerk to the Council and the Deputy Clerk accorded the most sympathetic consideration to all the representations made on behalf of the Society in the course of the protracted negotiations that preceded the second reading of the Bill in the House of Commons.

The New Act.—It is too early to judge at this stage of the effect of the Act, but it is apparent that since April 1, on which day it came into legal operation, there has been a disposition on the part of local authorities to misinterpret the section relating to agricultural and horticultural poisons. In spite of the Order in Council which indicates with sufficient clearness the intention of the section, some local bodies appear to have regarded the new conditions as empowering them to repeal the most salutary provisions of the Pharmacy Act of 1868. The Council will carefully watch this tendency and take steps to organise local chemists so that the danger may be effectively combated.

The details in connection with the administration of the new Act are now almost completed, and every effort will be made by the officers of the Council to cope with the largely increased burdens devolving upon the staff. A special committee has been appointed by the Council to consider the changes necessitated by the statute and to formulate recommendations. That Committee has made two interim reports, one dealing with certificates for exhibition in pharmacies, and the other with the readjustment and augmentation of the staff, and both reports have been adopted by the Council and published in the Journal.

In regard to the division of the qualifying examination and the provision of a definite course of systematic training in the subjects of examination, the Boards of Examiners have been asked to carefully consider the subject and to furnish the Council with such observations as may appear appropriate and helpful.

Obituary.—The following deaths have been noted during the year: Sir Thomas Stevenson and Dr. Julius Trapp (honorary members), Wm. Flux (former solicitor to the Society), James Buchanan (Board of Examiners for Scotland), John Tocher (Executive, N.B. Branch), J. Trevor Cart (a former scholar and demonstrator), A. Bowdler Hill (former auditor), and the following divisional officers: C. Bradley (Reading), C. B. Bell (Hull), C. H. Tonking (Camborne), John Noble (South Shields), H. P. Lovatt (Todmorden), O. W. Jones (Flint), J. L. Moxon (W. Toxteth).

At Berkley Heath (Glos.), John Nelines, dock labourer, was killed by an explosion of a mixture of acetylene gas and air. Deceased was experimenting with calcium carbide for illuminating-purposes. A companion had his right hand shattered.

German Spirit.—The spirit-tax has again been the subject of discussion in the Finance Committee of the German Reichstag. Exemption from subjection to the "contingent" clause was secured on behalf of the new distilleries, a ten years' exemption being at first proposed but reduced to five years on the amendment of the Centre party. The whole "contingent" for each period is to be established on the basis of the home consumption of drinking-spirit. In the event of an unexpected decline in consumption the whole "contingent" for the following business year can be reduced in proportion to the actual quantity consumed. To this the Conservatives added a clause in Section 143 to the effect that if the whole "contingent" is decreased according to Section 25 before October 1, 1913, then the established "contingent" of the commercial year 1907-8 should be lowered one-tenth, so far as it is above 100,000 litres, but not less.

Society of Chemical Industry.

LONDON SECTION.

A MEETING of this Section was held at Burlington House, Piccadilly, W., on May 3, Dr. J. Lewkowitsch in the chair. After the minutes of the previous meeting had been read, the Chairman notified the members that application for luncheon-tickets at the annual meeting should be made without delay, so as to facilitate the work of the Entertainment Committee.

Rubber Vulcanisation.—Dr. H. P. Stevens then read a paper, by himself and Mr. Clayton Beadle, describing a long series of experiments made upon various samples of rubber before and after vulcanising with different proportions of sulphur and zinc oxide. In describing the physical tests the authors mentioned a new method of testing the tensile strength and elongation in which were employed rings of rubber attached to hooks in place of strips as generally practised. The experiments brought out the fact that the rubber from young trees is not inferior to that from old trees, as is generally held. The variation in the qualities of the rubber upon which the tests were made was found to be due mainly to the different methods of coagulating the latex. Elastic-thread can be made from plantation rubber of equal quality to that from Para rubber. Mr. Beadle supplemented the paper, and in the course of his remarks said that the tests referred to are at present being applied to rubber tyres to see whether tar has any deleterious effect on the resiliency of the rubber.

Magnesite.—Mr. H. H. Dains then gave a paper on the Indian magnesite industry. The deposit, which covers 2,000 square acres, occurs at Salem, in the Madras Presidency. The magnesite is in veins, and has been worked from the surface, in places, to a depth of about sixty feet. Analysis shows the presence of 96.34 per cent. of magnesium carbonate with almost complete absence of lime salts. Mr. Dains exhibited a number of slides to show the method of mining magnesite and the transport arrangements by means of coolies. The magnesite is afterwards calcined, two varieties being produced—caustic magnesia when a temperature of 800° C. is employed, and dead-burnt or shrunk magnesite at 1,700° C. Some interesting details were given as to the commercial uses of the mineral. The evolved carbonic-acid gas can be collected for aërating-purposes, and the residue employed for making refractory bricks. When sulphuric acid is used the residue is Epsom salt. An important use for caustic magnesia is in the production of oxychloride cements. These are made by mixing the magnesia with magnesium-chloride solution and sand or sawdust, a white, hard mass resulting, which is used for fireproof partitions, floorings, and millstones. Caustic magnesia is also employed for lining regenerative gas-furnaces. The dead-burnt magnesite is likewise used as a refractory lining for electric and other furnaces and crucibles. For furnace-linings the shrunk magnesite is made into bricks and burnt, the resulting bricks being in some cases reground and burnt a second time.

Steam-meter.—Dr. Minchen, of Bayer & Co., Liverpool, next described the working of a meter for checking the quantity of steam used in chemical-works. It is the invention of Mr. Kuhne, who was also present, and was patented by the Farbenfabriken vormals F. Bayer & Co. in 1903. Steam is passed through a pipe, over the outlet of which a hollow, truncated cone is placed. In the opening of the cone a float is arranged to work, supported by a wire working through the cover over a pulley, and balanced by a weight. Attached to this wire and on the outside of the vessel is a pen which operates on a moving drum. From the indications of the pointer the position of the float, and consequently the area of the discharge-opening, can be deduced, while from the pressure recorded on a registering-gauge the quantity of steam passing can be calculated. One of the instruments was exhibited, and Mr. Kuhne replied in German to the criticisms. There is great difficulty, it appears, in making the truncated cone parabolic in form. From a large number of castings only a few are sufficiently accurate for the purpose.

Mr. Grant Hooper then took the chair, while Dr. Lewkowitsch described and explained the working of a new refractometer.

Legal Reports.

High Court Cases.

Dishonouring a Cheque.

The case of Barger *v.* the National Bank, Ltd., before Mr. Justice Pickford (see *C. & D.*, May 1, p. 670), was concluded on Thursday of last week. The jury failed to agree unanimously, and the parties accepted a verdict of the majority, who found that there was a settlement by the bank of all disputes. His Lordship entered judgment for the defendants, and on the counterclaim for defendants for 33*l.* odd.

Saccharin Patents.

Mr. Colefax mentioned the case of the Saccharin Corporation *v.* the National Saccharin Co., Ltd., to Mr. Justice Eve in the Chancery Division on April 30, stating that he had seen Mr. Bousfield, K.C., who was for the defendants, and it was arranged that the motion should stand over for another fortnight, the interim injunction granted against the defendants to be continued meanwhile.

Californian Syrup of Figs.

In the Chancery Division on May 4, a matter referred to the Court by the Board of Trade came before Mr. Justice Warrington under the Trade-marks Act, 1905, by way of an application for leave to proceed with the registration of the words "Californian Syrup of Figs," as the trade-mark of the California Fig Syrup Co. Mr. H. Terrell, K.C., and Mr. Sebastian appeared for the plaintiffs, and Mr. Sargeant for the Board of Trade.

Mr. Terrell, K.C., in making the application, said the point before the Court was whether the company could register a geographical word such as "California," and he contended that they could, because it had become distinctive of the company's products. He thought he could satisfy his Lordship beyond the shadow of a doubt—there being no evidence to the contrary—that the word "California" was a word which distinguished the applicants' syrup from that of any other manufacturer. Before this Act was passed the geographical name could not be registered as a trade-mark, but he had a list of twenty-five marks registered since the Act of 1905, all bearing geographical names. The only point really was whether the word "California" was distinctive of the applicants' syrup. He would remind his Lordship that there was an action brought by the company in 1897 to restrain another company from using the words "American Syrup of Figs," and that was dismissed because the Court of Appeal held that it was the word "California" which was distinctive of the plaintiff company's goods. From that date the word had continued to be distinctive of the company's manufactures. Counsel then produced fourteen affidavits from doctors of eminence and prominent wholesale chemists, including Sir Edward Evans, as well as retailers, in support of his case. He also said that on the affidavits it was shown that 750,000 bottles of the syrup had been sold in the United Kingdom alone, and they further went to show that the word "California" was understood by the public and the trade to indicate the applicants' goods.

At this stage the hearing was adjourned.

On Wednesday Mr. Terrell, K.C., continued his argument on behalf of the applicants, citing the "Oswego" cornflour-biscuit case.

Mr. Justice Warrington pointed out that in that case the word "Oswego" described the substance itself, and the trade-mark was a picture of the biscuit with "Oswego" on it.

Mr. Terrell, K.C., said the Board of Trade in that case argued that the applicants ought not to use the word "Oswego" alone. The present applicants did not propose to use the word "California' alone, and, adopting the Board of Trade's argument in the "Oswego" case, they asked for the registration of the words "California Syrup of Figs."

Mr. C. H. Sargant, on behalf of the Board of Trade, said that a large number of geographical names had been before the Board, and the point arose as to how far the Court could exercise its discretion with regard to those names. While not saying much on the facts of this case, he admitted that anyone asking for Californian syrup of figs desired the goods of the applicants. He was going to deal with the application simply and solely on general grounds. Under the Act of 1888 geographical names were expressly excluded. Now a middle course had been pursued. A geographical name was still partially excluded. The Registrar, under the present legislation, had no jurisdiction himself to register a geographical name at all, but the Court in its discretion, if satisfied that the name was a distinctive name, might say that it could be registered. A trade-mark should be as distinctive as possible, and a perfect trade-mark ought to be a complete denotation of the goods of the applicant, and should not be commentative. Allsopp's "hand" seemed to him to be a perfect trade-mark, as it had nothing whatever to do with the fact that the goods were beer. Any picture of that kind was a perfect trade-mark. On the question of words, counsel urged that "Lemco," the trade-mark of Messrs. Liebigs, was a perfect trade-mark. If the name of some little place in California was sought to be registered in connection with the particular product of the applicants, he could very well see that in a case of that sort the name was adapted to distinguish the product of the applicants. But in this country "California" meant a large and wealthy district, a large and important State in the United States, particularly well adapted on the western slopes for the growing of fruit. Therefore *primâ facie* the phrase "California Syrup of Figs" meant syrup of figs produced in California from fruit grown in that locality. That being so, it was a phrase which was descriptive of any syrup of figs made from fruit grown in California or produced by a company carrying on business in California. It was adapted to distinguish syrup of figs produced in these cases from all other syrup of figs, but it was not adapted to distinguish the syrup of figs produced by this particular company from syrup of figs produced by other companies or by individuals in that region.

Mr. Justice Warrington, in giving judgment, said that the case raised for the first time an important question of principle upon the construction and effect of Section 9 of the Trade-Marks Act, 1905, as to the registration of geographical names. The point was whether the name "California" in its wide geographical term could be said to be distinctive having regard to the definition of the word distinctive and to the other provisions of Section 9. It was obvious that the word "California" was not adapted to distinguish their company's syrup of figs from the syrup of goods of other manufacturers, but the Legislature had provided that in the case of an old mark the Court was entitled to look at the actual circumstances attending the user. Bearing this in mind his Lordship was of opinion that the Act did not intend to give a particular person, merely because he had been the only person using the word during a number of years, a monopoly in a geographical name so wide, and so common, as to the large State concerned in this case. It did not seem to him to be a case which upon the construction of the Act a judge ought to say that the name was adapted to distinguish. The application would be dismissed with costs.

Leave to appeal was granted.

A Chemist's Claim.

In the King's Bench Division on Wednesday, May 5, an action was brought before Mr. Justice Phillimore by Mr. John Mackinnon, analytical chemist, against Mr. Charles Ford, trading as Ford & Co., of Gracechurch Street, to recover 115*l.*, commission alleged to be due under the terms of his engagement and three months' salary in lieu of notice. Plaintiff's case was that he entered defendant's employ at a salary of 175*l.* per year, with a minimum commission of 150*l.* At the end of his year's service he pressed for his commission, and the defendant had paid him 35*l.* on account, but he had failed to pay the balance, and when witness instructed his solicitor to write the defendant, he terminated his engagement without notice. Defendant denied liability, disputing that the commission was to be paid without the plaintiff effecting sales, and asserting that he had made none. He further said that plaintiff himself told him he was looking for another appointment. After hearing the evidence, his Lordship found for the plaintiff for 118*l.* 7*s.* 6*d.*, and costs.

Medicine-stamp Act, 1812.

"Cures Toothache."

At Maidstone on April 29, Messrs. Vinson & Co., Ltd., chemists, 6 Middle Row, were summoned by the Revenue authorities for selling a dutiable medicine unstamped. It appeared from the evidence that on January 19 an Excise officer purchased at the defendants' shop a bottle of "Dentole," which bore the wording:

Cures toothache instantly. A few drops in a hollow tooth will instantly stop toothache and wear away the nerve.

The bottle was unstamped. Mr. Filmer, managing director of the company, admitted the offence, and said he could not account for the omission. A previous conviction was proved, and the Bench imposed a fine of 2*l.* 10*s.*, with 9*s.* costs.

Sale of Food and Drugs Acts.

Synthetic Camphor in the Oil.

At the Court House, Oldbury, on May 4, before Mr. A. M. Chance and other magistrates, Mr. W. W. Deakin, chemist and druggist, was summoned, under Section 6 of the 1875 Act, for selling camphorated oil made with artificial camphor. Mr. Jeffreys, solicitor, Oldbury, prosecuted on behalf of the Worcestershire County Council, and Mr. C. H. Kirby, solicitor, London, defended on behalf of the Chemists' Defence Association.

Evidence of the purchase showed that one pound of camphorated oil was asked for in writing as B.P., and the county analyst reported, after analysing his portion of the oil, that it was prepared with olive oil and was of correct strength, but that it was made with synthetic camphor instead of the natural camphor ordered in the Pharmacopœia.

Mr. Kirby said, in reply to the Bench, that he intended to rely on warranty, but that if the Court was against him on that point he would produce evidence that the purchaser had not been prejudiced in any way whatever. He put in particulars of the warranty, which consisted of verbal order, verbal acceptance, label, and price-list. He reminded the Court that the prosecution had given no proof whatever of prejudice to the buyer, and in fact there was none. It was true the B.P. said camphor was obtained from the tree *Cinnamomum Camphora*, but he thought it a very strong thing to say that genuine camphor from any other source must not be used, and the B.P. did not say so. Moreover the B.P. was now eleven years old, and considerable advances in science had been made in that time. Synthetic camphor in its present nearly perfect form was not then on the market, or probably it would have been referred to as well as the natural kind. He proceeded to show that synthetic camphor differs from the natural only in respect to action on polarised light, and added that he had come prepared to prove that the properties were the same in each case. He quoted several High Court decisions supporting his contentions as to the sufficiency of defendant's warranty.

Mr. Deakin gave evidence as to ordering the oil from the traveller of Messrs. R. Gibbins & Co., Ltd., Derby, when he specially stipulated that the oil was to be of B.P. quality absolutely, and the traveller said he would guarantee it. When the invoice came he noticed B.P. was not written on it, but the label on the bottle bore the words "Lin. Camph., B.P." He had sold the oil exactly as he had received it. He read a note from Messrs. Gibbins' list to the effect that all drugs sold by the firm were guaranteed.

Mr. Jeffreys objected to the conversation with the traveller being put in as evidence, and also to the price-list, on the ground that these had not been notified to him along with the label. He maintained that the label was not sufficient, and quoted cases which, he contended, upheld that view.

Mr. W. Johnston, Ph.C., having given evidence as to the view which chemists take of the letters "B.P." in regard to being a warranty, the Chairman said that the Bench were unanimously of opinion that the warranty was good and that the summons must be dismissed.

Dentists Act.

"Painless Extractions."

Before Mr. R. A. Gillespie, the Stipendiary, at West Ham Police Court on May 4, Arthur W. Scott, of 3 Woodgrange Road, Forest Gate, was summoned, under Section 3, by the Society of British Dentists, for using the description "Painless Extractions." Mr. Young, for the prosecutors, said the defendant carried on business as the American Teeth Institute, and evidence as to the use of the words objected to was to be called, but Mr. Percy Robinson, for the defendant, admitted their use and had no answer to the case. He explained that defendant had bought the business from a Mr. Maguire two years ago, and at that time the words "Painless Extraction" were on the showcase. Mr. Young having mentioned the Society of Dentists, he (Mr. Robinson) would like to point out that the dentists' governing body was the General Medical Council, and not the Society of British Dentists. This was simply a few gentlemen who had formed themselves together—they were not even a limited company—to put down competition. Mr. J. H Jackson (the Clerk) said defendant was fined on the last occasion 1*l.* and 3*l.* 3*s.* costs. The Magistrate said he could not overlook the previous conviction, and he fined the defendant 5*l.* and 3*l.* 3*s.* costs, distress, or six weeks' imprisonment.

"Teeth Specialist."

At the Thames Police Court on May 4, William Birkett, East India Dock Road, was fined 20*s.* and 23*s.* costs for calling himself "the teeth specialist." For the defendant it was urged that the card upon which these words were printed had been issued by an oversight.

At the same Court, Max Pajenton, Fieldgate Street, Whitechapel, was fined 5*l.* and 23*s.* costs for styling himself "a Russian dentist."

An Irish Case.

At Londonderry on May 3, Daniel L. Rogers, Hon. Secretary of the Irish branch of the British Dental Association, summoned William Patterson, of Great James Street, under Section 3 for using the titles and descriptions "Mr. Wm. Patterson, Teeth Specialist"; "Mr. Wm. Patterson, Consulting Room"; and "Wm. Patterson, Ltd., Teeth Laboratory." Mr. Dickson appeared for the complainants and Mr. Mark (Messrs. Todd & Mark) represented the defendant. After brief evidence Mr. Mark said the offence was admitted, and on his advice the defendant had removed all words exhibited which came within the Act of Parliament. In future he would be pleased to conform with the rules of the Association. By a majority the Magistrates imposed a fine of 2*l.* 10*s.* and costs.

Gazette.

The Bankruptcy Acts, 1883 and 1890.

Receiving Order.

Wills, George Sampson Valentine, Clapham Road, London, S.W., professor of chemistry.

Adjudications.

Dennis, William Herbert, late Liverpool, surgeon-dentist.

Gibson, James (lately trading under the firm or style of John Gibson & Co.), Knott Mill, Manchester, now a director of John Gibson & Co., Ltd., lately a drysalter, and soap, glue, and chemical manufacturer.

Knapton, George, Rhosllanerchrugog, Denbigh, late Hoole, Cheshire, physician.

Veitch, William Cuthbert, trading as T. D. Veitch & Son, Cheapside, Shildon, co. Durham, pharmaceutical chemist.

Bankruptcy Reports.

Re Albert Edward Bird, Rugby, formerly of Watford, Chemist and Druggist.—The public examination of this debtor took place at St. Albans Bankruptcy Court last week. The statement of affairs was published in the *C. & D.*, April 24, p. 644, and in reply to the Official Receiver the debtor repeated the particulars and answered various questions, and as a result the Official Receiver said that the case was not satisfactory. He asked for an adjournment for further information to be procured about the debtor's estate. The examination was adjourned to May 18. The following are creditors: Baiss Bros. & Stevenson, London (32*l.*); Alfred Bird, Rugby (200*l.*); Bourne, Johnson & Latimer, London (14*l.*); W. Malin, Northampton (200*l.*); Raphaels, Ltd., London (14*l.*); British Ring Syndicate, London (12*l.*); W. E. Robotham, Rugby (100*l.*); F. T. Tromison, London (32*l.*); Jas. Ewen & Son, London (10*l.*).

Re Morgan William James, 11 Cowell Street, Llanelly, Chemist and Druggist. In this case the debtor filed his own petition, and the statement of affairs shows liabilities amounting to 1,639*l.* 9*s.* 4*d.*, and assets 58*l.* 5*s.*, after deducting preference claims, the deficiency therefore being 1,578*l.* 4*s.* 4*d.* It appears that the debtor started trading at 7 Stepney Street, Llanelly, in 1885, when he purchased the business of the late Mr. Gwillym Evans for 2,150*l.* He paid 1,000*l.* down (which he borrowed and which is still unpaid), and the balance was arranged to be paid by instalments of 200*l.* per annum. He paid one instalment, and the late Mr. Evans agreed to forego the balance of 950*l.* It was provided in Mr. Evans's will that accounts between them should be taken as settled at the debtor's option, and he has informed the trustees of the will that he elected to accept the provision. He entered into an arrangement with his creditors in 1903, paying them 7*s.* 6*d.* in the pound. No trustee was appointed, it being personally arranged between director and his creditors. The books of account kept comprise debtors' and creditors' ledgers and day books; no cash-book and no record of the takings had been kept. The failure is ascribed to law costs incidental to the action against him by the Quinine Bitters Manufacturing Co., deterioration of business owing to removal, expense of fitting up new premises, and pressure by creditors.

Deeds of Arrangement.

Mayon, Herbert, Alum Rock Road, and Washwood's Heath Road, Saltley, Birmingham, Druggist.—Assignment upon trust, etc., with a view to the payment of a composition of 6*s.* 8*d.* in the pound by three equal instalments at intervals of three months from date hereof. Debtor to pay 7*l.* 10*s.* weekly, commencing April 12, to meet said instalments; debtor's wife to make good any failure in the weekly payments. Trustee: O. Sunderland, 3 Cherry Street, Birmingham. Dated April 22; filed April 28. Secured creditors, 45*l.*; liabilities unsecured, 688*l.*; estimated net assets, 229*l.* Among the creditors are: Lorimer & Co., Ltd. (16*l.*); Bourne, Johnson & Latimer (11*l.*); T. Hodgkinson, Prestons & King (38*l.*). Fletcher, Fletcher & Co., Ltd. (11*l.*); Southall Bros. & Barclay, Ltd., Birmingham (21*l.*); Cuxson, Gerrard & Co., Ltd., Birmingham (13*l.*); Wyleys, Ltd., Coventry (74*l.*); Sissons Bros. & Co., Ltd., Hull (28*l.*); T. Kerfoot & Co., Manchester (29*l.*).

Stead, William Wilkinson, and as executor of Thomas Stead, deceased, trading as Thomas Stead & Sons, 125 Leeds Road, and 84 New Briggate, Laisterdyke, both Bradford, Chemist and Druggist. Composition of 10*s.* in the pound, payable by three equal instalments on July 1 and October 1, 1909, and January 1, 1910; secured by a surety and by an assignment upon trust, etc. Trustee: J. Lund, 5 Charles Street, Bradford. Dated April 23; filed April 28. Preferential creditors, 13*l.*; liabilities unsecured, 677*l.*; estimated net assets, 213*l.* Among the creditors are: Hearon, Squire & Francis, Ltd. (51*l.*); Potter & Clarke, Ltd. (12*l.*); Stephenson Bros., Bradford (11*l.*); Lofthouse & Saltmer, Hull (41.); Sissons Bros. & Co., Ltd., Hull (20*l.*); Goodall, Backhouse & Co., Leeds (41*l.*); Hirst, Brooke & Hirst Ltd., Leeds (49*l.*); Myrton, Saunders & Co., Ltd., Liverpool (11*l.*); Evans Sons Lescher & Webb, Ltd., Liverpool (23*l.*); Raimes & Co., York 70*l.*)

Trade Notes.

The People's Flycatcher is a band-form flycatcher which is being advertised in this issue by Mr. C. Frowein, 43 Basinghall Street, London, E.C. Mr. Frowein offers to send a sample and quotations to any subscriber who applies.

Raspberry-sulphur Creams.—We referred to these in the *C. & D.*, March 27, as the spring novelty of Messrs. Potter & Clarke, Ltd., 60-64 Artillery Lane, London, E. Since then the creams have taken the public fancy, and are selling in very large quantities.

Advertising Novelties.—Messrs. B. Whitworth Hird, Ltd., Norwich, have arranged a special show of mechanical advertising novelties at 1 Southampton Row, London, W.C. The exhibit will be open from May 10 to May 14, and will be of particular interest to the drug trade. All chemists are invited.

Mr. J. R. B. Allison, business specialist, Queen Street, Retford, sends us a copy of an interesting booklet he issues entitled "How to Increase your Business." This gives particulars of Mr. Allison's system, and is sent to all chemists who apply for it. We have also received a sample handbill, such as Mr. Allison writes for his clients.

Price-list of Corks.—Messrs. N. W. Mitchell & Sons, Ltd., cork manufacturers, Bouchon Works, Farrance Street, Limehouse, London, E., have issued a new price-list of corks as used by chemists. The sizes and qualities of the various kinds of corks are set forth in a manner which should prove useful to buyers. The list will be sent to any applicant.

The Soured-milk Tablets made by the Standard Tablet and Pill Co., of Hove, are called "Lacsauer Tablets." When a chemist orders a dozen packages of the tablets, the Standard Co. will send post free to twelve of the chemist's medical friends a similar packet of tablets with the chemist's name and address. Besides, the company will supply leaflets about soured milk and how to make it to purchasers, and they now supply a simple apparatus for making the soured milk daily. Further particulars can be obtained from the company on application.

"Turnstile" Fly-coil.—Messrs. Ford, Shapland & Co., 6 Great Turnstile, High Holborn, London, W.C., have placed on the market a fly-coil of simple construction which should be a good line in the approaching fly-season. The "Turnstile" fly-coil is neatly packed, and the sample we have examined can be easily unwound. The "Swift" fly-band (a penny line), which has been a popular line for some time, is now packed in an air-tight wrapper, which makes the line a suitable one for export.

Mr. Antoine Chiris, manufacturer of products for soapmakers and perfumers, has decided shortly to transfer his head offices from Grasse to Paris, in order to more effectively control the rapid development of certain new lines of the business, and to facilitate intercourse with his European agencies, particularly with the London house. The factories at Grasse will be in no wise changed. Mr. Georges Vallois, who is well known in Great Britain, is to take the general management of the business in Paris from July 1 next.

Solid Soothers.—Messrs. F. Schutze & Co., Black Bull Works, Caledonian Market, London, N., have brought out a new form of solid soother for infants. The teat is made of transparent rubber and is filled with a gelatinous substance which provides a pleasant foundation upon which to exercise an infant's gums. The jelly is made of pure gelatin, consequently, if the teat is accidentally pierced, no harm can ensue. The idea is protected by patents in most countries. The soothers with shields are sent out corded and with rings, and are affixed to a neatly printed card upon which is a notice drawing attention to the advantages of the new solid soothers. They retail at 2*d.*, 3*d.* and 4*d.* and are good value.

"City Directory."—The 1909 edition of this useful work of reference has just been published by the "City Press," 148 and 149 Aldersgate Street, London, E.C., price 12*s.* 6*d.* As usual, every effort has been made to ensure accuracy and completeness, and the fact that the Directory is always published at the end of April enables the publisher to take note of the many civic and other changes that occur during the first quarter of the year. To City men the Directory is indispensable, its strong feature being the alphabetical street and trade section, in which is given a complete list of firms carrying on business in the City, with also, in many cases, the names of individual partners.

Double Odol Flask.—A new 4*s.* 6*d.* size of the popular mouth-wash and dentifrice has been introduced by the Odol Chemical Works, 59-63 Park Street, London, S.E. The flask is double the size of the 2*s.* 6*d.*, and the price is protected under P.A.T.A. conditions. It is supplied in standard and rose flavours, and from the fact that it has been introduced at the request of regular users of Odol, it may be surmised that other regular users will buy it. The O.C.W. inform us that, owing to the increase in the spirit-duty, it has rendered it necessary for them to adjust their prices, but the trade terms have been altered as little as is possible under the exceptional circumstances.

Chemists' Exhibition.—The following firms have advertisements in this issue regarding their exhibits at the

Chemists' Exhibition which opens on May 10 at the Royal Horticultural Society's Hall, Vincent Square, London, S.W.; Bendle, Ltd., J. Boulton & Co., Ltd., W. H. Box, British Automatic Aerators, British Drug Houses, Ltd., W. J. Bush & Co., Ltd., Chameleon Oil Co., Cox & Co., Ltd., Dalloff Tea Co., Danysz Virus, Ltd., Eucryl, Ltd., Express Developing Co., Flugel & Co., Ford, Shapland & Co., Frame Food Co., Ltd., Heala Manufacturing Co., Hutchinson Co., Idris & Co., Ltd., J. S. W. Preparations, N. W. Mitchell & Sons, O'Neil, Zetts & Co., Raphael's Ltd., F. H. Taylor & Sons, Thompson & Capper, Viscose Development Co., Dr. Wander, and Zotos, Ltd. Messrs. W. J. Bush & Co., Ltd., offer free telephonic and telegraphic service to their customers visiting the exhibition.

Dried Eggs and Milk.—Casein, Ltd., Sheepcoat Lane, Battersea, London, S.W., are putting on the English market eggs and milk in powder form, as prepared by the Merrell-Soule Co., of Syracuse, N.Y., an original and novel process being used. The milk products which we have examined represent (1) full-cream milk and (2) skimmed milk, both being pasteurised. We find them to be perfectly soluble in cold or warm water, and on comparing the milk made according to the directions with good London milk we find them to be indistinguishable except in colour, and in that respect the powder product more resembles milk as it comes from the cow. The egg-powder represents all of the egg except the shell, and a cook's trials of it have yielded satisfactory results. There are doubtless many among our readers who would find these novelties a profitable extra, and we suggest that they should write to Casein, Ltd., for literature and further particulars.

Personalities.

Mr. A. E. Ekins, Ph.C., F.I.C., has been appointed Chairman of the St. Albans School Managers.

Mr. Thomas Tyrer, F.I.C., F.C.S., has been elected a member of the Council of the London Chamber of Commerce.

Mr. Jesse Boot has given two hundred guineas towards clearing the debt of the Nottingham Young Men's Christian Association.

Mr. J. C. Pentney was chairman of a spur-table at the Waldorf Hotel dinner given by the International Arbitration League to German Labour-leaders last Saturday.

Councillor Richard Sturton, chemist and druggist, 119 Fitzroy Street, Cambridge, has been appointed a magistrate for the borough.

Mr. Guy W. E. Holloway, eldest son of Mr. E. A. Holloway, chemist, Southend, has gained the Scholarship for Dental Mechanics open to the students in the Dental School at Guy's Hospital.

Mr. P. F. Rowsell, J.P., in his capacity as Chairman of the Exeter Chamber of Commerce, gave evidence last week before the House of Lords Committee in support of the Wembury (Plymouth) Dock Scheme.

At the luncheon which followed the Pharmaceutical Council meeting on Wednesday, Mr. J. Rymer Young was presented by his fellow councillors with a handsome and valuable rose bowl in appreciation of his work during his presidency.

Colonel Sir Frederic Nathan, superintendent of the Royal Gunpowder Factory, Waltham Abbey, and the Royal Small Arms Factory, Enfield Lock, is retiring in order to take up a position at Messrs. Nobel's Explosives Factory in Scotland. The appointment carries with it a salary of 2,500*l.* per annum.

With reference to the receiving order on the estate of Mr. G. S. V. Wills gazetted this week, we understand that this is in respect to personal obligations incurred by Mr. Wills anterior to the establishment of the Westminster College, 402 Clapham Road, S.W., and the affairs of that College are not involved by the order.

Mr. S. W. Fairchild, of Messrs. Fairchild Bros. & Foster, New York, paid a short visit to London this past week, arriving from Paris on Thursday evening, April 29, and sailing from Southampton on Wednesday, May 5. Mr. Fairchild expects to pay a longer visit later on in the year, when it is hoped his youngest son will be completely convalescent from the illness which has been giving his parents some anxiety.

The New President of the Northampton Pharmacists' Association, Mr. E. E. G. Dennis, chemist and druggist, 113 Adnitt Road, is one of the youngest members of the Association. He passed the Minor in 1893, and after experience in various parts of the country, went to Northampton eight years ago. Mr. Dennis, who has built up a successful business, is to be married on May 17.

Mr. Dennis.

Mr. Aubrey T. Hill, who has been managing the laboratories of Messrs. Sharpe & Dohme, Baltimore, and was formerly in charge of Messrs. Burroughs Wellcome & Co.'s factory at Dartford, has resigned his position, and is succeeded by Dr. E. F. Kelly. Mr. Hill is returning to London to engage in the retail drug-business.

A Fortnight Ago Mr. John C. Hewlett, of Messrs. C. J. Hewlett & Son, Ltd., manufacturing chemists, 35 to 42 Charlotte Street, London, E.C., returned from his sixteenth business trip to South Africa. Mr. Hewlett, in the course of an interview this week, tells us that he found the draft Act of Union the chief topic of conversation. Some questions remain to be settled, but there seems every probability that unanimity will be reached before many weeks have elapsed. Uniformity in taxation is one of the advantages that will accrue from the union, which is to be similar in character to that which exists in Australia—a Commonwealth Parliament with separate Parliaments for each State. Mr. Hewlett also discussed the question of the stamp-duty on proprietary medicines and the latest information as given in the *C. & D.* last week. The stamp-duty is one of the methods of raising revenue which the Transvaal is not anxious to adopt when the Union takes place. There are distinct signs of improvement in business generally since Mr. Hewlett's visit two years ago. At the Cape the weather was beautiful, although there were reports of tremendous rains in the Transvaal. Mr. Hewlett is in excellent health.

Business Changes.

Properly authenticated business notices (not being advertisements) are inserted in this section free of charge if promptly communicated to the Editor.

Mr. Fletcher has opened a pharmacy at 1 Ye Corner, Aldenham Road, Watford.

Messrs. F. Hoffmann-La Roche & Co., of Basle, announce that Dr. B. Beckmann has retired from the firm.

Mr. James H. Watson is opening a chemist's and druggist's business at 4 Claremont Terrace, Warbreck Road, Blackpool.

Mr. C. B. Saunders, chemist and druggist, late of Basingstoke, has taken over the business of Mr. J. G. Downing, chemist, Braintree.

Mr. Chas. Davies, chemist and druggist, has taken over the branch business of Mr. T. H. Prichard, chemist and druggist, at Newbridge (Mon.), of which he has been manager for some time past.

Russian Carbonate of Potash.—The exports from Novorossik in 1908 decreased to about half what they were in 1907, being 4,717 tons, against 8,242 tons. This is accounted for by the cultivation of a smaller quantity of sunflower-plants, the bad crop of sunflower-seed, and the consequent difficulties experienced by the manufacturers of potash in procuring sunflower-stalks.

New Books.

These notes do not necessarily exclude subsequent reviews of the works. Any of these books printed in Great Britain can be supplied, at the published price, to readers of this journal on application (with remittance) to the Publisher of "The Chemist and Druggist," 42 Cannon Street, London, E.C.

Carré, L. *Les Produits Pharmaceutiques Industriels.* 2 vols. 7¼×4⅝. Pp. 448 and 363. 10f. (Doin et fils, 8 Place de l'Odéon, Paris.) [These are two volumes of the "Encyclopédie Scientifique." Volume 1 deals with Produits Minéraux, and Volume 2 with Produits Organiques.]

Childe, C. P. *Operative Nursing and Technique: A Book for Nurses, Dressers, and House Surgeons.* 7¾×5. Pp. 238. 3*s.* 6*d.* net. (Baillière.)

Church, Sir William S., and others. *The Influence of Heredity on Disease.* With special reference to tuberculosis, cancer, and diseases of the nervous system. 4to. 4*s.* 6*d.* net. (Longmans.)

Greenish, H. G. *A Text-book of Materia Medica.* 9½×6. Pp. 640. 2nd edit. 15*s.* net. (Churchill.) [The change in title is occasioned by the addition of new features, occupying 130 extra pages, which increase the scope of the work. Of the additions, a chapter discusses the history and commerce of drugs, and a short introduction to each section deals with the main morphological features, constituents, or classification. Seventy seven new figures are added, as also microscopical characters and assay processes of the principal drugs. Several drugs (black haw, cowhage, and five animal products) have been included. Tobacco-leaves have been omitted.]

Inglis, J. G. *New Express Percentage and Discount Reckoner.* 6⅝×3⅝. 1*s.* (Gall & Inglis, 25 Paternoster Square, London, E.C.) [New sets of tables showing fractional percentages which are not usually found in the smaller ready-reckoners. The tables begin with one for $\frac{1}{16}$ per cent., and finish with a table in which 98¾ per cent. is worked out. The second section gives percentages on gross returns or selling-prices, showing the amount that must be added to cost-price in order to realise a given percentage on the price charged or turnover. This is a convenient book for business men.]

Lewkowitsch, J. *Chemical Technology and Analysis of Oils, Fats, and Waxes.* 3 vols. 4th edit. 9×6. Pp. 562, 828, 416. 50*s.* net. (Macmillan.)

Murrell, W. *Aids to Forensic Medicine and Toxicology.* 6⅝×4¼. Pp. 123. 7th edit. 2*s.* 6*d.* (Baillière, Tindall & Cox.) [The first sixty pages deal with forensic medicine where medical evidence is required in law cases and inquests. Toxicology, which may be regarded as a division of forensic medicine, occupies the rest of the book. The new poison-schedule is included, and the treatment and detection of the various poisons are concisely outlined. The book is brightly written and is the best of its kind and size.]

Proceedings of the American Pharmaceutical Association at the fifty-sixth annual meeting held at Hot Springs, Ark., September 1908. 9×5¾. Pp. 1,203. (Baltimore, U.S.A.) [This volume corresponds to the "Year-book" of the British Pharmaceutical Conference. The first 440 pages are devoted to abstracts of papers on pharmacy, materia medica, and chemistry, each subject being divided into sections. The apparatus section is illustrated. The abstracting is well carried out according to an organised plan. The rest of the book is devoted to a full report of the proceedings at Hot Springs, the list of members, and index. For a frontispiece is given a portrait of the late Henry Martin Whitney, who was President of the Association in 1897. A report on "Progress of Pharmacy," written by Mr. E. Lewis Diehl, appears as a preface.]

Benger's Food, Ltd.—The report for the year ended March 31 states that, after providing for depreciation, directors' and auditors' fees and income-tax, the trading (including income from investments) has resulted in a profit of 50,148*l.* On adding the balance brought forward, 6,315*l.*, the total is 56,464*l.* Out of this sum the directors have paid an interim dividend on the cumulative preference shares and an interim dividend of 9*d.* per share on the ordinary shares, transferred 2,500*l.* to advertising and extension of business account, and 15,000*l.* to reserve, leaving a disposable balance of 25,089*l.*, which the directors propose to deal with by the payment of the balance dividend on the preference shares, and recommend a further dividend of 1*s.* 3*d.* per share on the ordinary shares (making 2*s.* for the year), leaving to carry forward 4,964*l.* The directors report a further increase in the sales, but rate of profit has been smaller than usual in consequence of an increase in the price of materials.

Trade-marks Applied For.

Objections to the registration of any of the undermentioned applications should be lodged with Mr. Temple Franks, Comptroller-General of Patents, Designs, and Trade-marks, at the Patents Office, 25 Southampton Buildings, Chancery Lane, London, W.C., within one month of the dates mentioned. The objection must be stated on Trade-marks Form No. 7, cost £1, obtainable through any money-order office. The figures in parentheses refer to the classes applied for.

(*From the "Trade-marks Journal," April* 21, 1909.)

"Calvert's" (By order); for carbolic acid (1, 2, and 3), for soap (47), and for perfumery, etc. (48). By F. C. Calvert & Co., Gibbons Street, Bradford, Manchester. 296,908, 296,909, 296,910, 296,911, 296,912.

"Heratol"; for a chemical for purifying acetylene gas (1). By Société des Applications de l'Acétylène, 26 Rue Cadet, Paris. 304,997.

"J. D."; for medicinal chemicals (3). By Jules Denoual & Co., Carlton Works, Peckham, London, S.E. 308,396.

"Cadum"; for an ointment (3). By Omega, Ltd., King Henry's Walk, London, N. 309,959.

"Relo"; for an ointment (3). By Annie M. Blake, 99 Market Street, Dalton-in-Furness. 310,768.

Portrait of Applicant; for a medicine (3). By Mary Wilson, High Street, Belmont, Durham. 309,998.

"Ridzil," and scroll device; for an ointment (3). By A. Akeroyd and E. Williams, The Waverley Hotel, Wood Street, Huddersfield. 310,829.

"Ficico"; for a laxative syrup (3). By Fawcett Maxwell, 25 Castle Street, Dalkey. 311,172.

"Rotona"; for a medicine (3). By The Neurotone Co., 45 St. George's Road, Bolton, Lancs. 311,377.

"Physio-tinct"; for medicinal chemicals (3). By C. J. Hewlett & Son, Ltd., 35-42 Charlotte Street, London, E.C. 311,501.

Picture of balloon; for cameras (8). By W. Butcher & Sons, Ltd., Farringdon Avenue, London, E.C. 309,017.

"Jonok"; for photographic printing paper and cards (39). By M. S. Berger & Co., 106-110 Kentish Town Road, London, N.W. 310,367.

"Cremolin"; for infants', etc., food (42). By A. F. Sherley, 46-48 Borough High Street, London, S.E. 309,882.

"Chuto"; for a condiment (42). By J. H. Senior, 31 Crookham Road, Fulham, London, S.W. 310,227.

"Ecinos"; for lemonade crystals and powders (42). "This"; for baking-powders and flour (42). By J. Brandley, 3 Honor Oak Park, London, S.E. 310,533, 310,534.

"Salutaris" (By order); for aërated water (44). By The Salutaris Water Co., 236 Fulham Road, London, S.W. 308,459.

"Triplets"; for soap (47 and 48). By Edward Cook & Co., Ltd., Bow, London, E. 311,286, 311,287.

"Emulsit"; for liquid soaps (47). By David Peel, 47 Lister Avenue, Bradford. 311,541.

Picture of girl's head, with "Ibrite" printed over one eye; for perfumery, etc. (48). By John Morgan Richards & Sons, Ltd., 46 Holborn Viaduct, London, E.C. 311,608.

"Major"; for boot and furniture polishes (50). By G. H. Yarwood, Dunham Massey, Cheshire. 310,691.

(*From the "Trade-marks Journal," April* 28, 1909.)

"Flatolin"; for manufacturing chemicals (1). By T. Fewster & Son, Ltd., 44 Sykes Street, Hull. 310,738.

"Q. E. D.," and triangular device with "quod erat demonstrandum"; for chemicals (1). By Complex Ore Co., Ltd., 19 St. Helen's Place, London, E.C.

"J. M. & Co.," and device of mallet and hammer; for all goods (1) and (5). By Johnson, Matthey & Co., Ltd., 74-81 Hatton Garden, London, E.C. 311,233, 311,234.

"C. C. W."; for calcium carbide (1). By C. C. Wakefield & Co., 27 Cannon Street, London, E.C. 311,513.

"Co-e-tas"; for disinfectants and veterinary preparations (2). By Davis Goodall & Co., Birtley, Durham. 309,245.

"Mothex"; for an antiseptic preparation (2). By T. W. P. Adams, 15 Mildenhall Road, Clapton, London, N.E. 311,324.

"Multinol"; for oil in Classes 1, 47, and 50. By Markham, Sons & Co., Ltd., Siddals Mills, Derby. 311,597, 311,598, 311,599.

The Uses of Tantalum.

MR. ALEXANDER SIEMENS discoursed on this subject befo e the members of the Royal Institution on April 23. Lord Rayleigh was in the chair, and among those present were Sir James Dewar, Sir J. Crichton-Browne, Mr. A. J. Balfour, Professor Silvanus P. Thompson, Dr. Davidson, and Dr. Messel. After referring to the genesis of electric lighting and the many attempts that have been made to find a substitute for carbon in the ordinary electric-light globes, the lecturer referred to the Nernst lamp, with a filament of refractory earths, the osmium lamps, and, finally, the tantalum lamps. In the last two kinds metallic filaments are employed. The world's production of osmium is only 8 kilos. per year, of which 5 kilos. is required for medical purposes, and the outlook for an increased supply is not encouraging. The difficulty is to find a substance which will stand the high temperature without melting or becoming brittle. Platinum, vanadium, and niobium were found wanting, but tantalum has been found to answer well. Mr. Siemens described the method of separating the pure metal, and handed specimens to the Chairman. The metal is separated as a double fluoride of tantalum and potassium, which is afterwards reduced to the metallic state by means of the electric furnace.

The lecturer then proceeded to deal with the physical properties of the metal. At ordinary temperatures, below 300° C., pure tantalum resists the action of all acids except fluoric acid, of all alkalies, and of moisture, so that it is an ideal material for chemical apparatus that does not have to resist high temperatures, and for any implements which if made of steel, would be liable to rust. The pure metal is tough and malleable, so that it can be hammered into thin sheets or drawn into fine wire. The filament wire used in tantalum lamps is 0.03 mm., or about $\frac{1}{800}$in., in diameter; nevertheless, it is elastic and as hard as soft steel, and has a tensile strength of 93 kilos. per square mm., or 57 tons per sq. in. This means that the filament is able to support a weight of about 80 grams. The sheet can be stamped into various forms, and springs can be bent out of bars. Another use of tantalum is as a material for writing-pens, manufactured in the usual way. When it was first offered for that purpose it was found that it could not pass the tests prescribed for steel pens but when the surface was hardened by oxidising it the pens passed the test. Tantalum, slightly oxidised before polishing, was thought to be a suitable material for cataract-knives for oculists, and dental instruments formed another field of application for it. The lecturer exhibited a cataract-knife, but stated that a surgical-instrument maker had told him that it was not nearly sharp enough for the purpose. As steel cataract-knives are so cheap, Mr. Siemens confessed that the outlook for the tantalum knives is not encouraging. Among qualities, however, that somewhat limit its usefulness are that, when heated to a dull red it greedily absorbs gases, especially hydrogen and nitrogen, and that by combination with them it loses its tensile strength and becomes brittle. Its melting-point *in vacuo* is between 2,250° and 2,300° C., and it is thus suitable for electrodes in vacuum tubes, especially as it does not disintegrate. Tantalum electrodes are now extensively used in Röntgen tubes. The most important industrial application of the metal at present is for filaments in incandescent lamps. In the lamp that was adopted as the standard in 1903 the length of the filament was 650 mm., its diameter 0.05 mm., and its weight 0.022 gram, so that about 45,000 of the lamps contained 1 kilo. of tantalum. Subsequently, however, the dimensions were modified, and the diameter of the filament is now only 0.03 mm. After burning a short time the filament undergoes certain structural changes, losing its tensile strength, and in about 1,000 hours it shows signs of capillary contraction, as if the cylinder were going to break into a series of drops. In conclusion, Mr. Siemens mentioned two interesting properties of tantalum. The first is that if heated in a high vacuum it would expel any oxygen that might be combined with it, so that filaments that are "spotty" in consequence of containing patches of oxide become quite uniform when allowed to burn for a few minutes at their proper voltage. The second is that tantalum would act as a rectifier when used in an electrolyte, permitting the passage of the positive current only in one direction. If the current supplying a lamp be made to pass through a tantalum anode to a platinum cathode, in a very short time the tantalum anode is covered with a film of oxide which stops the current. When the current is reversed the lamp lights up again, and continues to burn. It also continues to burn if supplied with an alternating-current.

Not the least interesting portion of the lecture was the experiments with the metal. Powdered tantalum burns when sprinkled on a bunsen flame, and tantalum filament prepared for use in the lamps—which looks in bulk like loose cotton-wool—takes fire when held in the flame. Another experiment was the placing of a carbon and a tantalum lamp in the same circuit, when, on gradually increasing the voltage, a point was reached at which the carbon lamp burst, while the metal-filament lamp burned brightly and resisted the greater pressure.

Practical Notes and Formulae.

Mercurial Pill.

A NEW PROCESS for making mercurial pill is given in the "Deut. Medizin. Ztg." by Anuxhat. A compound called "pasta glycocholica" is first made by digesting 5 grams of fresh lard with 10 grams of sodium glycocholate, and the mercurial pill is made by triturating 5 grams of metallic mercury with 15 grams of the pasta glycocholica.

Decolorised Wines.

WHITE wines being of greater commercial value than red wines, methods of decolorising the latter are practised. When the wine has been obtained nearly white, the residual rose-tint is neutralised by the addition of a small quantity of soluble green. Alkaline green, Helvetia green, malachite green, brilliant green, and methylene green are employed, and by testing for these colours the artificial character of the white wine is established. The simplest test is to boil a piece of nitrated cotton in the wine for some time, when the cotton becomes tinted green if one of the aniline colours mentioned above has been employed.

Preparation of Curdled Milk.

A CORRESPONDENT of the "British Medical Journal" gives the following details of a method of providing for a systematic supply of curdled milk:

The milk was just brought to the boil at any convenient time (say, in the forenoon), and allowed to cool in the vessel in which it had been boiled. When sugar was dissolved in the milk this was done immediately on its removal from the fire. At (say) 10 P.M. the cooled sterilised milk was skimmed and gently heated up to 106°-110° F. in the original saucepan. (Rewarming cold sterilised milk at this stage is more convenient than boiling fresh milk and allowing its temperature to drop to that mentioned.) The milk was then inoculated with one of the various lactic-acid bacilli preparations and poured into a Thermos flask, previously warmed. After corking and shaking, the flask was laid aside overnight. Incubation went on, with no further attention whatever, and the following morning the milk was curdled and in good condition for being used as an article of diet or as a therapeutic agent. At the temperature mentioned nine or ten hours in the flask was found sufficient. When sufficiently curdled the flask was thoroughly shaken and the milk poured into a jug, which was then kept in a cool place during the day till the milk was all used. This process was repeated daily, over a long period, and was found to be the easiest and best method of preparing curdled milk in the home reasonably free from contamination by extraneous organisms. By altering the hour and the temperature (within limits) at which the process is started the milk can be brought to its best condition at any desired hour. That hour is generally the breakfast hour. It is necessary to keep the flask and cork clean by means of alkaline water, when not in use during the day, but in the evening, before use, they must be thoroughly freed from alkali before the cycle begins again.

MR. T. W. LONGDIN (Scarborough) wishes to warn principals against engaging any man from copies only of references. He had a narrow escape from engaging a man in Gourock, who sent three splendid references, which were forgeries.

Trade Report.

NOTICE TO BUYERS.—The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers stock the goods. Qualities of drugs and oils vary greatly, and higher prices are commanded by selected qualities even in bulk quantities. It would be unreasonable for retail buyers to expect to get small quantities at anything like the prices here quoted.

42 Cannon Street, London, E.C., May 6.

ALTHOUGH business shows no improvement, the undertone is steady, and prices generally are fairly well maintained. The attention of the wholesale drug-trade, manufacturing chemists, etc., has been concentrated on the regulation of prices in accordance with the extra duty of 3*s.* 9*d.* on proof spirit referred to in detail elsewhere in this issue. As a consequence, all the prices of spirituous preparations have considerably advanced, these including ethers from duty-paid spirit, chloroform (s.v.r.), chloral hydrate, spirit. am mon. arom., spirit. ether. nit., tinctures, fluid extracts, fruit-juices, perfumed spirits, such as eau de cologne, liqueurs, cordials, etc. Apart from the above features, price-alterations have been few. Shellac at auction was 5*s.* to 7*s.* 6*d.* lower for fine orange, and 2*s.* to 5*s.* cheaper for TN descriptions. In opium a good business has again been done in Smyrna for American account at an advance. Quinine only finds a routine outlet, but there is a disposition to regard the market as steadier in view of the moderate bark-shipments for April. Cream of tartar is a shade easier. Agar-agar is firm, and chamomiles are meeting with a better demand. Cocoa-butter is lower. Guinea-grains have advanced, owing to scarcity. Lime-juice is arriving freely. Saffron is steady. New French essential oils of lavender, neroli, and rosemary will shortly be on the market, and higher prices will probably be asked for the two first-named. Clove oil is lower, and male fern has been advanced. The changes have been as follows:

Higher	Firmer	Easier	Lower
Alcohol and Spirit Preps.	Male fern oil	Ammonia sulphate	Clove oil
Chloral hydrate	Sarsaparilla (Native Jamaica), etc.	Arsenic	Cocoa-butter
Chlorodyne		Cardamoms	Kino
Chloroform		Cream of Tartar	Shellac
Ethers (pure)		Gentian	Seedlac
Guinea grains		Quinine (sec. hands)	
Lead nitrate			
Wax, bees' (Jam.)			

Cablegrams.

SMYRNA, May 6:—The sales of opium amount to 110 cases on behalf of the United States, at the equivalent of 11*s.* 10*d.* per lb. The market is advancing owing to the continued drought, and buying is advised.

SMYRNA, May 6.—The United States' buyers are still continuing their purchases of opium, and the market is firm at from 12*s.* to 12*s.* 6*d.* per lb. f.o.b. as to quality.

BERGEN, May 5:—Owing to stormy weather at Finmarken, the cod-fishing has partly yielded poor results this week. The market for finest Lofoten oil is extremely quiet at the equivalent of 63*s.* per barrel, c.i.f. terms.

NEW YORK, May 6:—Business in drugs is dull. Opium is weak, but quotations are unaltered at $4.25; jalap at 35c. is firm, and podophyllum-root is also firm at 7c.; cascara sagrada is steady at 8½c., and hydrastis (golden seal) is easier at $1.80 per lb.; peppermint oil is steady at $1.45, and tonka-beans are lower at $1.40 for Angostura; balsam Canada has been advanced to $7.25 per gal.

AMSTERDAM, May 6:—At the auctions of cinchona held here to-day, 7,910 packages were offered, of which 7,069 packages sold at the average unit of 3.20c. per half-kilo., against 3.15c. paid at the auction on April 1. The following were the approximate quantities of quinine purchased by the factories: (1) The English and American factories, 9,118 kilos.; (2) the Brunswick factory, 3,391 kilos.; (3) the Mannheim factory, 3,832 kilos.; (4) the Amsterdam factory, 2,750 kilos.; (5) the Frankfort and Stuttgart factories, 3,197 kilos.; (6) the Maarssen factory, 4,721 kilos.; (7) various buyers, 7,031 kilos. The lowest price paid for manufacturing bark was 6c., and the highest 33½c., while for druggists' bark from 4½c. to 39c. was paid.

Manchester Chemical-market.

May 4.

There was generally a featureless market in heavy chemicals and any change was in a downward direction. There might be an exception made, perhaps, in the export demand, which is expected to become much better when the United States tariff is definitely settled. Heavy chemicals show little change. Soda crystals range from 51*s.* to 52*s.* per ton on rails at works. In sulphate of copper, although the raw article is again dearer, there have been concessions made to clear parcels in second-hands, and quotations are 2*s.* 6*d.* to 5*s.* per ton lower on the week. We hear poor reports of English acetate of lime, though foreign is maintained. Grey is quoted 8*l.* 15*s.* per ton, c.i.f. Nitrate of lead has advanced 2*l.* per ton, but the make is not large, and the demand is not seriously affected. Cream of tartar a shade lower, but acids show little change, although oxalic is offering freely. Caustic and carbonate of potash firm. White powdered arsenic is in buyers' favour. Coal-tar products show little change, the principal being a sharp decline on spot in sulphate of ammonia of 5*s.* per ton—10*l.* 18*s.* 9*d.* to 11*l.* per ton on rails.

The Spirit Tax.

The following are among the articles which have been advanced from April 30 in consequence of the increased duty on spirit:

Ether, B.P., sp. gr. 0.735	from	5	0	to	6	5
,, Purif., B.P., sp. gr. 0.720 ...	,,	5	8	,,	7	2
,, Rect., sp. gr. 0.750...	,,	4	10	,,	6	2
,, Acetic, B.P.	,,	3	3	,,	3	10
Spirit, Ether Co., B.P., 1898	,,	6	1	,,	6	10½
,, ,, Nit. B.P., 1898	,,	2	9½	,,	3	7
,, ,, ,, Opt., sp. gr., 0·834 ...	,,	3	0	,,	3	9½
,, Ammon Aromat. B.P. 1898 ...	,,	2	2	,,	2	9
,, ,, Comp. P.L., 1787 ...	,,	3	5	,,	4	0
,, ,, Fœtid.	,,	2	7	,,	3	2
Alcohol Ammon.	,,	3	2	,,	4	0
,, ,, Absolute	,,	4	8	,,	5	8

The prices of rectified tinctures have been advanced from 7*d.* to 10*d.* per lb. and fluid extracts from 3*d.* to 6*d.* per lb., according to alcoholic content. Other changes are given in the body of our Trade Report, and the Customs-duties on chloral hydrate, chloroform, etc., are given on p. 703.

AGAR-AGAR.—Firm. Small sales of No. 2 strip are reported at 1*s.* 8½*d.* per lb., and at the moment No. 1 quality is not available. The scarcity on spot will be somewhat relieved by 30 bales just landing and further parcels on the way; but, with a good inquiry from the Continent, there is little likelihood of prices easing.

ALCOHOL.—As a result of the increase in the duty on spirit, the price of German absolute alcohol 99½ per cent. in 1-cwt. basketed tins has been advanced to 3s. 9½*d.* per lb., duty paid, ex wharf, packages included. English makers quote 4*s.* 4*d.* per lb. net. The prices of German rectified potato-spirit (68 o.p. to 69 o.p.) are unaltered at 1*s.* 0½*d.* for "prima" and 1*s.* 1*d.* per proof gal. for wine-spirit, c.i.f. London, casks not included, prompt or forward delivery.

AMMONIA SULPHATE.—Easier. Grey 24 per cent. London prompt 11*l.* 3*s.* 9*d.* to 11*l.* 5*s.* per ton; Hull prompt, 11*l.* 5*s.*; Leith prompt, 11*l.* 10*s.*; Liverpool prompt, 11*l.* 5*s.* to 11*l.* 7*s.* 6*d.*; Beckton prompt, 11*l.* 13*s.* 9*d.*; Beckton terms prompt, 11*l.* 3*s.* 9*d.* to 11*l.* 5*s.*

ANISEED.—Russian is steady at 20*s.* per cwt. Alicante is very scarce and dear, holders asking 37*s.* 6*d.*, which buyers hesitate to pay.

ARSENIC.—Owing to the falling-off in demand, the market is flat and easier, white powdered English offering at from 13*l.* to 14*l.* per ton spot.

Bromural Tablets have been reduced, the price of 5-gr. (tubes of 20) being 1*s.* 6*d.* per tube, and tubes of 10 9*d.* in five-tube lots, with proportionate reductions for quantity.

Canary-seed is very firm, owing to reported drought in Turkey. Good Morocco has been sold at 37*s.* 6*d.* per quarter.

Camphor.—In the drug-auction 18 cases of China crude were offered, for which the price is 145*s.*

Caraway-seed is quiet, at 38*s.* to 40*s.* per cwt. for ordinary to good Dutch on the spot.

Chamomiles are meeting with a better demand, fair flowers selling in small lots at 43*s.* per cwt.

Chloral Hydrate.—In consequence of the increased spirit-taxes, the duty on chloral hydrate is now 1*s.* 9*d.* per lb., instead of 1*s.* 4*d.* The price of crystals or cake is 2*s.* 4*d.* in bond, or 4*s.* 1*d.* per lb. duty paid in 28-lb. jars.

Chloroform.—Manufactured from pure spirit has been advanced 8*d.* per lb. to 5*s.* 8*d.*, 50-lb. lots to 5*s.* 7*d.*, and 2½-cwt. lots to 5*s.* 6*d.* per lb. Other B.P. qualities remain unaltered at from 1*s.* 7*d.* to 1*s.* 9*d.* per lb.

Cinchona.—The shipments from Java to Europe during April amounted to 1,279,000 Amst. lb., against 1,305,000 Amst. lb. in 1908, and for the two months the total is 4,206,000 Amst. lb., against 4,389,000 Amst. lb. in 1908. The s.s. *Britannia* has brought 168 bales African bark *via* Lisbon. In the drug-auctions 59 serons of Huanuco bark were offered, of which 15 serons of sound had been sold privately. For the remainder, consisting of sea and water damaged, from 1*d.* to 2½*d.* per lb. subject was paid; 70 bales of good Bolivian cultivated Calisaya quill were offered, and a bid of 9*d.* is to be made for the sound and 8½*d.* for country-damaged. One bale of country-damaged cultivated *flat* Calisaya sold at 10*d.* per lb.

Cloves.—At auction 17 bales of Zanzibar were bought in at 4⅜*d.* for fair bright, and 25 bales of Amboyna at 9*d.* Privately new crop for September-November shipment has been sold at 4⅜*d.* to 4 13/32*d.* c.i.f., and for June-August delivery business has been done at 4⅜*d.* and August-October at 4 7/16*d.* Zanzibar on the spot are quiet, with small sales of fair at from 4⅝*d.* to 4¾*d.* per lb., according to quantity.

Cocoa Butter.—At auction 50 tons Cadbury's A sold at from 10¼*d.* to 10⅝*d.*, the average being 10 7/16*d.* or ½*d.* lower. In Holland 65 tons Van Houten's sold at 61.20c. per half-kilo.

Copper Sulphate is easy at 17*l.* 15*s.* to 18*l.* for Liverpool brands, spot and forward.

Coriander-seed is unchanged at 9*s.* 6*d.* to 10*s.* 6*d.* per cwt. for common to ordinary Morocco, and 11*s.* to 11*s.* 6*d.* for fair to good.

Cream of Tartar is a shade weaker at 71*s.* 6*d.* for 95 per cent., and at 73*s.* for 98 per cent. powder.

Cumin-seed.—Sales have been made at 45*s.* per cwt. for both Malta and Morocco.

Fenugreek-seed is firm on the spot at 9*s.* 6*d.* to 10*s.* per cwt. for Morocco.

Fruit Juices, which usually contain about 30 per cent. of spirit as preservatives, have been advanced about 1*s.* 9*d.* to 2*s.* per gal., according to alcoholic content.

Gambier.—No. 1 quality of cubes are offered at 35*s.* 6*d.* per cwt., and for April-May shipment business has been done at 33*s.* 6*d.* ex quay.

Ginger.—At auction Jamaica was in good supply, 815 packages being offered, of which 104 sold, chiefly without reserve, at a decline of from 2*s.* to 3*s.* Fair washed realised from 58*s.* 6*d.* to 59*s.*, and small dull 50*s.* About 300 packages of Cochin and Calicut were bought in, including unsorted native cut at 50*s.*, small and medium at 50*s.*, brown rough Calicut at 42*s.* 6*d.*, and washed rough Cochin at 40*s.* Limed Japan was bought in at 23*s.*

Guinea Grains.—Stocks are getting into small compass and higher prices have to be paid; 72*s.* 6*d.* is mentioned as the price at which a few bags are obtainable.

Lime Juice is coming forward freely, this being one of the two principal shipping months. The arrivals include 195 puncheons from the island of Montserrat to London *in transit.*

Linseed is steady at 50*s.* per quarter for good clean quality.

Oil, Bergamot.—Firm, with light stocks and fair inquiry at from 17*s.* per lb. c.i.f. London.

Oil, Clove, is lower, finest quality offering at from 3*s.* 1*d.* to 3*s.* 2*d.* per lb. as to quantity.

Oil, Cod-liver.—Our Bergen correspondent writes on May 5 that the Finmarken cod-fishing continues in a very satisfactory manner, giving during the past week almost two million kilos. of fish daily, and doubling the quantity of oil produced there last Monday. The statistics of all the fisheries in Norway up to date are as follows:

	1909.	1908.	1907.
Catch of cod (millions) ...	45.7	37.8	38.6
Yield of cod-liver oil (brrls.)	38,000	42,300	33,000
Livers for "raw" oils (hect.)	19,500	17,200	14,500

The cod at Finmarken is, however, of very small size, and the liver is very lean this year. Business is quite at a standstill, and the quotation of 63*s.* per barrel c.i.f. terms for finest non-congealing Lofoten oil is only nominal. The exports from Bergen up to date amount to 5,032 barrels, against 5,471 barrels at the corresponding date of last year.

Oil, Lavender.—Finest quality of French is quoted 6*s.* 6*d.* to 7*s.* per lb. The new distillation, which is due next month, is expected to open at higher prices, as the outlook is not so promising as last year, added to which the stocks are now very small.

Oil, Lemon.—An advice from Palermo dated May 1 states that lemon oil is extremely quiet, the uncertainty as to the final result of the new American tariff has checked business in Sicily. The demand from the United States is practically nil, and Sicilian exporters who had contracts with American buyers are not in a hurry to cover. Added to this, European buyers are also reserved and waiting further developments. Most sellers continue to look on quietly, and only the small needy farmers had to sell for lack of money. For shipment 3*s.* 4*d.* c.i.f. is quoted.

Oil, Male Fern, has advanced to 4*s.* 9*d.* per lb. net.

Oil, Neroli.—The distillation of the new crop will commence in about a fortnight, being a little later than usual. According to advices it is anticipated that prices for new oil will open at about 10 per cent. higher, as more money will have to be paid for the orange flowers, which are controlled by a syndicate.

Oil, Orange.—Quiet, at 6*s.* 10½*d.* for *sweet* and 7*s.* 6*d.* for *bitter.*

Opium.—The feature in opium is a Smyrna cable announcing sales of 110 cases to the United States at an advance of 4*d.* per lb., and that the drought continues. The market here is quiet, Turkey druggists' offering at from 12*s.* to 12*s.* 6*d.* spot, and Persian at from 11*s.* to 14*s.* 6*d.* A Smyrna correspondent writes on April 24 that the week has been very active, owing to the action of the banks, who, by forcing the hand of their depositors, have facilitated the execution of orders for extra Karahissar at 107 piastres, when the holders themselves expected to be paid 113 piastres. The sales comprise 145 cases extra Karahissar at the equivalent of 11*s.* 6*d.* per lb. c.i.f. European ports, the market closing firmly at this price. The arrivals amount to 2,050 cases, against 1,382 cases at the same date last year.

Another correspondent writes on May 1 that the sales for the week amount to 23 cases for export at 106 to 110 piastres for extra Karahissar (11*s.* 9*d.* to 12*s.* 2*d.*), 101 to 100 for current qualities (11*s.* 2*d.* to 11*s.* 4*d.*), and some inferior qualities at 92 piastres (10*s.* 2*d.*) c.i.f. The rise on "extra" qualities is not likely to be maintained.

Pepper.—At auction 129 bags of Tellicherry were offered and 40 sold at 3⅜*d.* for fine heavy, and of 72 bags of Ceylon 15 sold at 2⅝*d.* Privately the spot market is quiet, with sellers of greyish to fair Singapore at from 3½*d.* to 3⅜*d.* For arrival the small sales include March-May shipment New York at 2 29/32*d.*

Pepper (White).—At auction 10 cases of fine bold Singapore were bought in at 9½*d.*, and 40 bags of Ceylon sold at 5⅛*d.* for good small. Privately fair Singapore is firmly held on the spot at 5⅜*d.*, and for shipment there has been a good demand at easier prices, the sales including May-July at 4½*d.* landed terms, March-May at 4 7/16*d.*, June-August and July-September at 4 5/16*d.*, and August-October at 4 5/16*d.* to 4¼*d.* c.i.f. d/w.

Pimento is quiet at from 18*s.* 6*d.* to 19*s.* per cwt. c.i.f., and on the spot $2\frac{1}{16}$*d.* is quoted.

Quillaia.—The s.s. *Orita* from Valparaiso has brought 326 sacks to Liverpool.

Quinine.—Quiet. There are buyers of German at $6\frac{1}{2}$*d.* per oz., and a sale is said to have been made at this figure from second-hands, but confirmation is wanting. The lowest price at which old sulphate has been sold is $6\frac{5}{8}$*d.*, and it would hardly be possible to buy new German under 7*d.* The April shipments of bark from Java are not so heavy as anticipated, and the fact that the sale at Amsterdam to-day represents only 38 tons of quinine has helped to give a somewhat steadier tone to the market.

The landings in London during April were 64,992 oz., and the deliveries 63,520 oz., leaving a stock on April 30 of 3,323,520 oz., as compared with 3,397,264 oz. in 1908.

Saffron.—Finest Valencia is steady at 33*s.* per lb. net.

Shellac.—At auction on Tuesday the large quantity of 1,157 cases was offered without reserve, and practically all sold at lower prices, fine orange being 5*s.* to 7*s.* 6*d.*, TN descriptions 2*s.* to 3*s.*, and Garnet 4*s.* to 5*s.* lower. Button was irregular and also lower. Fine lemon B.P. Acme sold at 87*s.* to 90*s.*; fine pale M.P. in diamond, 77*s.* to 78*s.*; S.R.R. in diamond, 85*s.*; fine Lion, 87*s.*; fine Kushini, 86*s.* to 87*s.*; fine G. in double triangle, 83*s.* to 84*s.*; fine extra special qualities E. & O., 77*s.* to 79*s.*; fine pale second orange, 71*s.* to 73*s.* (a few 74*s.* to 75*s.*); pale weak free, 70*s.* to 72*s.*; TN curly reddish slightly matted, 64*s.*; dull flat red free, 61*s.* to 63*s.*; bright red slightly matted, 61*s.* to 62*s.*; curly red matted, 60*s.* to 61*s.*; ordinary flat red livery free, 59*s.* to 60*s.*; dull red matted, 58*s.* to 59*s.*; 69 cases Garnet offered and sold at 55*s.* to 56*s.* for A.C. block, and 52*s.* for blocky GAL. Of Button 251 chests chiefly sold at 90*s.* to 92*s.* for fine pure No. 1 tongues, 67*s.* to 74*s.* for good cakey armlet, 76*s.* for good No. 1 Button, 66*s.* to 67*s.* for cakey and weak ditto, 59*s.* for good colouring thirds, 53*s.* to 54*s.* for ordinary weak thirds, and 50*s.* for blocky weak ditto. In view of the above auction business has been small, on the basis of 64*s.* to 65*s.* for fair free TN privately.

Spirituous Preparations.—As a result of the increase in the spirit duty the manufacturers have increased their prices of rectified tinctures by 10*d.* per lb. for 90 per cent., 9*d.* for 70 per cent., 8*d.* for 60 per cent., and 7*d.* for 45 per cent. Fluid extracts have been advanced from 3*d.* to 6*d.* per lb., according to alcoholic content.

Turmeric.—Sales of good bright Madras finger have been made at from 19*s.* to 20*s.* Bengal is slow at 19*s.* and for Cochin split bulbs 13*s.* 6*d.* has been paid.

Turpentine.—The exports of turpentine from Savannah during 1908 amounted to 6,535,839 gal. valued at $2,694,787, against 5,189,182 gal. valued at $3,186,050 in 1907. The United Kingdom and the Continent were the chief buyers. This gain in the production, remarks the British Consul at Savannah, was no doubt in part helped by the "throwing out" of labour in the lumber trade, of which the naval stores producers naturally took advantage. Savannah still holds, it is said, its pre-eminence as a world-market for resins and turpentine. The exports of resin in 1908 were 813,652 barrels ($2,673,287), against 573,930 barrels ($2,514,555) in 1907. The market for American on the spot closes flat at 26*s.* 9*d.* per cwt.

Wax, Vegetable.—Japan is quiet, with spot sellers at 47*s.*

London Drug-auctions.

At the auctions of old and new drugs moderate supplies were offered, but the tone was generally slow, and prices were mostly in buyers' favour. Aloes generally tended lower, especially for Curaçao; annatto-seed is plentiful and neglected; buchu and balsam Peru are scarce; Sumatra benzoin, on the other hand, is plentiful and slow; cardamoms met with a very flat market, and prices of Mysores tended easier, but Indian sold at very high prices; Bombay cannabis indica has advanced; dragon's-blood is neglected, and good gamboge brought very firm rates; Jamaica honey was in good demand at full-up prices; Rio ipecacuanha was fully steady, and Cartagena is now held for more money; rhubarb is quiet and sarsaparilla met with an excellent demand at an all-round advance of fully 1*d.* per lb. Some very high prices were paid for Tinnevelly senna; Jamaica beeswax appreciated 2*s.* 6*d.* to 5*s.*, but other descriptions were neglected.

The following table shows the amount of goods offered and sold:

	Offered	Sold
Aloes—		
Cape	24	3
Curaçao (bxs)	55	30
Socotrine (kegs)	8	0
Zanzibar (cs.)	28	14
Ambergris (pkgs.)	6	0
Ammoniacum	3	0
Aniseed	43	0
Annatto-seed	145	0
Antimony (cr.)	30	0
Araroba	10	0
Balsam—		
Peru	2	0
Tolu	16	6
Benzoin—		
Siam	8	0
Sumatra	184	17
Bird-lime	20	20
Buchu	8	0
Calumba	41	0
Camphor (Ch. cr.)	18	0
Canella alba	12	0
Cannabis indica	5	1
Cantharides—		
China	15	0
Cardamoms	359	114
Cascara sagrada	100	100
Cascarilla	41	0
Cassia fistula	11	11
Chiretta	88	0
Cinchona	136	60
Coca-leaves—		
(Ceylon)	19	0
Cochineal	12	1
Colocynth pulp	5	5
Copaiba	1	1
Coriander	99	0
Cuscus	10	0
Cuttlefish bone	32	5
Dragon's-blood	25	0
Elemi	6	0
Ergot (Span.)	8	0
Gamboge	19	3
Gentian	39	20
Guaiacum	3	0
Gum arabic	59	0
Honey—		
Honolulu	100	0
Jamaica	199	194
Ipecacuanha—		
Cartagena	8	3
Matto Grosso	20	9
Kamala	5	0
Kino	22	9
Kola	27	0
Lime-juice	15	0
Mastich	5	0
Menthol	5	0
Musk (cad.)	8	0
Myrestin	45	0
Myrrh	68	0
Nux vomica	176	0
Oil—		
camphor	34	0
castor	13	0
cinnamon	26	0
citronella	3	3
eucalipt	20	0
lemongrass	2	0
lime	5	3
myrbane	25	25
orange	1	0
Olibanum	4	0
Orange-peel	9	7
Orchella weed	53	30
Plumbago	25	0
Papain	4	0
Rhubarb (China)	64	12
Sandarac	8	1
Sarsaparilla—		
Grey Jamaica	32	32
Guatemala	21	0
Honduras	16	0
Lima-Jamaica	71	71
Native	12	11
Scablac	13	0
Scammony root	1	1
Seedlac	143	16
Senna and pods—		
Alex	83	4
Tinnevelly	253	250
Squill	5	0
Sticklac	63	0
Strophanthus	5	0
Tamarinds (W.I.)	50	0
Turmeric	316	*20
Turtle, dried	4	0
Wax (bees')—		
Australian	5	2
East Indian	41	6
Jamaica	22	19
Madagascar	186	12
Morocco	24	0
Nyasaland	1	1
Zanzibar	50	0
Wax (veg.) (Jap.)	30	0
China	50	0

* Sold privately.

Aloes.—Of Cape 24 cases Mossel Bay (usual 20-per-cent. tares) were offered, of which three only sold at 31*s.* for ordinary seconds; 33*s.* was refused for fair hard bright, the buying-in price being 35*s.* A parcel of 30 boxes Curaçao sold cheaply at from 33*s.* to 34*s.* per cwt. for ordinary liver part darkish, and 12 casks Zanzibar packed in pig-skins in casks sold at 29*s.* to 30*s.* subject for inferior soft and liquid aloes mixed with water. Good hard hepatic in monkey-skins was held at 70*s.*, and for two cases of very good hepatic in small pieces with leaves, with practically no waste, 5*l.* per cwt. was paid. The s.s. *Persia* has brought 60 kegs Socotrine from Bombay; privately this description sells at 90*s.*

Annatto-seed.—A bid of $1\frac{1}{2}$*d.* per lb. is to be submitted for 18 bags dull Ceylon. Good dark red Jamaica was held at from $3\frac{3}{4}$*d.* to 4*d.*

Antimony.—Thirty cases China crude were held at 15*l.* 10*s.* per ton.

Balsam Peru.—Two cases with Umney's printed analysis were held for 8*s.* per lb. The analysis was as follows: Specific gravity, 1.151; acid value, 54.2; cinnamein, 57.7 per cent. "No reaction was obtained for resin, fixed oils, turpentine, or copaiba. This sample is, in my opinion, genuine balsam Peru, it practically answers the tests of the B.P., the specific gravity being slightly above 1.150; this figure is often exceeded in pure samples."

Balsam Tolu.—Three cases of fair slightly drossy in large tins sold at $9\frac{1}{2}$*d.* per lb., and a case of slightly drossy from another catalogue at 9*d.* subject.

Benzoin.—Slow. Only 12 cases of Sumatra were disposed of, at from 6*l.* 7*s.* 6*d.* to 6*l.* 10*s.* for ordinary seconds with small to bold almonds, part false-packed. Eight cases of Siam were bought in, including small and medium fine free almonds at 22*l.* 10*s.*, medium and bold free reddish at 26*l.* 10*s.*

Bird-lime.—Twenty cases of Japanese partly water-damaged, and with practically no sticky properties, sold without reserve at 3*d.* per lb.

Cannabis Indica.—Dearer. A single case of good Bombay tops sold at 5*s.* per lb., being higher. The drug privately is very scarce. East African is held for 6*d.* per lb., but a shade less might buy.

Cardamoms met with a very flat demand with the exception of Indian, a few stand-out lots of which realised extreme rates owing to scarcity. Ceylon-Mysores were about 1*d.* easier. The following rates were paid: *Indian* from Calicut, extra bold pale bought in at 3*s.*; medium and bold pale sold at 2*s.* 9*d.*; small and medium pale, 2*s.* 2*d.* to 2*s.* 4*d.*; small pale, 2*s.* 1*d.* to 2*s.* 2*d.* Fine bold round pale Mangalore character (2 cases), 3*s.* 8*d.*; bold medium ditto, 3*s.* 2*d.*; small round, 1*s.* 11*d.*; very small round, 1*s.* 7*d.*; bold splits, 1*s.* 9*d.* to 1*s.* 10*d.*; ordinary splits and pickings, 1*s.* 5*d.* Ceylon-Mysore: Bold round pale, 2*s.* to 2*s.* 1*d.*; medium to bold pale, 1*s.* 8*d.* to 1*s.* 10*d.*; small and medium palish to pale, 1*s.* 6*d.* to 1*s.* 9*d.*; very small pale, 1*s.* 1*d.*; splits, 1*s.* 3*d.* to 1*s.* 5*d.* *Seed*, 1*s.* 10*d.* to 1*s.* 11*d.* per lb.

Cascara Sagrada.—A parcel of 100 bags fair three-year-old bark sold at 40*s.* per cwt. (gross for net without discount), being cheap. Privately holders ask 42*s.* 6*d.* to 45*s.* per cwt. on the spot.

Cassia Fistula.—Eleven bags partly good bold Dominican pod and partly dull rattly and mouldy sold at 17*s.* 6*d.* per cwt.

Chiretta.—Eighty-eight bales of fair average quality Calcutta were bought in at 3*d.* per lb.

Coca-leaves.—Nineteen bags of small Ceylon Truxillo were offered, and for part a bid of 3*d.* is to be submitted.

Cochineal.—A single bag of Teneriffe silvers sold at 1*s.* 3*d.*

Colocynth Pulp.—Two bales of slightly sea-damaged sold without reserve for account of whom it may concern at 5¼*d.*, and 3 bales of badly sea-damaged at ½*d.* per lb.

Copaiba.—A single case of cloudy sold at 1*s.* 8*d.* per lb.

Coriander.—Fair East Indian were bought in at 11*s.* 6*d.* per cwt.

Cuttlefish Bone.—Five bales of dull mostly broken Bombay were sold at 2½*d.* per lb. subject.

Elemi.—Ten cases good pale Manila were bought in at 46*s.*, and dull yellowish at 44*s.* per cwt.

Gamboge.—Two cases of good Siam pipe, slightly blocky, sold at the firm price of 14*l.* 15*s.*, and for a case of pickings 10*l.* 2*s.* 6*d.* was paid.

Gentian.—Twenty bags fair lean Spanish sold at 19*s.* per cwt. net gross for net.

Guaiacum.—Two cases of good glassy block were bought in at 7*d.*, a bid of 6*d.* being refused.

Gum Arabic.—A case of good pale picked Trieste grains was held at 52*s.* 6*d.*, and 58 bags fair Ghatti at 35*s.*

Honey.—Jamaica was in good demand, being rather easier at the opening, but finishing up firm, the following prices being paid: Good bright amber liquid in cases, 31*s.* to 33*s.*; fair to good amber liquid in barrels, 25*s.* 6*d.* to 28*s.* 6*d.*; fair brown liquid, 24*s.* to 24*s.* 6*d.* subject; dark to middling brown, 22*s.* to 24*s.*; good to fine pale set, 31*s.* 6*d.* to 33*s.* 6*d.*; palish set and setting, 27*s.* 6*d.* to 29*s.*

Ipecacuanha.—Fully steady. Seven bales Matto Grosso sold at from 5*s.* to 5*s.* 2*d.* for ordinary dull lean to fair bright natural, and 4*s.* 11*d.* for sea-damaged. A bale of Rio pickings sold at 4*s.* 6*d.*, and one of Cartagena ditto at 4*s.* 2*d.* Five bags of Cartagena of good, clean, plump quality were held at 4*s.* 6*d.*, or an advance of 2*d.*

Kino.—Five cases of good Cochin grain sold at 6*d.* to 7*d.* per lb.

Kola.—Small dried Jamaica were held at 2*d.* per lb., at which small sales have been made privately.

Mastich.—Two small parcels of fair palish tear were bought in at 2*s.* 2*d.*, the limit being 2*s.* per lb.

Menthol.—Five cases Kobayashi crystals were held at 7*s.* 2*d.* per lb. Privately Kobayashi is quoted 7*s.* to 7*s.* 1*d.*, and near at hand 7*s.* landed terms.

Oil, Camphor.—Thirty-four cases were bought in at 37*s.* 6*d.* per cwt. Privately *brown* is scarce and unobtainable.

Oil, Eucalyptus.—Twenty cases of Globulus oil (catalogued as such) were limited at 1*s.* 4*d.* per lb.

Oil, Lime.—Three cases of distilled Dominican sold at from 1*s.* 8*d.* to 1*s.* 11*d.* Privately there has been a fair demand for hand-pressed, some 3 to 4 cwt. having changed hands; 8*s.* is asked by the principal holders.

Oil, Mirbane.—A lot of 25 drums (*s.g.* 1.200) sold without reserve at from 3¼*d.* to 3½*d.* per lb. for good quality. Privately 4½*d.* is quoted.

Orange-peel.—Three cases of ordinary dull Tripoli strip sold without reserve at 4*d.* to 4½*d.*, and four cases similar quality at 3½*d.*, also without reserve.

Orchella-weed.—Thirty bales sold at from 9*s.* to 10*s.* per cwt., the lower price being for sea-damaged, and for a further 19 bales a bid of 10*s.* is to be made.

Papain.—Four cases good brown flake were held at 9*s.* per lb.

Rhubarb.—Quiet. Seven cases catalogued had been sold prior to the auction. Two cases of Shensi pickings, part spongy, half pinky and half grey and dark fracture, sold at 1*s.* 8*d.* subject, and for two cases bold to very bold round Canton with three-quarters fair pinky fracture 1*s.* 3*d.* was paid. A case of small and medium flat Shensi with three-fourths good fracture sold at 1*s.* 7*d.* For small common round horny High-dried with half palish fracture 6*d.* was wanted. The *Tamba Maru* has brought 33 cases new crop from Shanghai.

Sarsaparilla.—An almost unprecedented quantity was offered to-day; in spite of this the demand was excellent. Previous to the sale it was thought prices would decline 1*d.* to 2*d.*, but, on the other hand, prices all round advanced fully 1*d.*, taking into consideration the quality of the grey and the Lima, part of which had been packed in a damp condition. Thirty-two bales genuine grey Jamaica sold at from 1*s.* 4*d.* to 1*s.* 5*d.* for fair to good a little rough, 1*s.* 3*d.* for very ordinary rough, and 1*s.* 1*d.* for common rough dark; 71 bales of Lima-Jamaica sold well at 1*s.* to 1*s.* 1*d.* per lb. for ordinary part rough to fair, and 11*d.* to 11½*d.* for dark and rough. A parcel of 21 bales of Guatemala character, all more or less false-packed with "roots" and "chumps" of inferior quality, was bought in at nominal values; 10 bales Crown C.B. Honduras were held for 1*s.* 9*d.*; 10 bales of Native-Jamaica sold at 1*s.* 1*d.* to 1*s.* 2*d.* for good red, and 11*d.* for yellow.

Seedlac.—Lower; 16 bags of fair Karachi sold at 52*s.* per cwt.

Senna.—Extreme prices were paid for a few bales of choice lots, including 7*d.* for a bale of good green Tinnevelly, 6*d.* for a bale of medium to bold greenish, 4½*d.* for 2 bales fair greenish. The bulk of the offerings consisted of the small common specky variety, which sold at from 1½*d.* to 1¾*d.*, with a few lots at 2*d.* to 2½*d.* per lb. *Pods* sold at from 3½*d.* to 4¼*d.* for common dark false-packed to fair. A bale of pale Alexandrian pods sold at 6¼*d.* subject; others of equal quality were held at 7¾*d.*, and for broken leaf 2½*d.* was wanted. Privately 4¾*d.* per lb. has been paid for Tinnevelly pods in a small way. The s.s. *Clan Fraser* has brought 255 bales senna from Tuticorin.

Wax, Bees'.—Jamaica sold at an advance of 2*s.* 6*d.* to 5*s.* per cwt., 19 packages realising 7*l.* 15*s.* to 7*l.* 17*s.* 6*d.* for fair red and brown mixed; small boxes sold at 7*l.* to 7*l.* 10*s.* A case of Australian sold at 8*l.* 10*s.* for good pale, and another at 7*l.* 17*s.* 6*d.* for darkish. Madagascar was neglected, the price of fair block being 6*l.* 15*s.*, and 11 mats were disposed of at this price. For fair Zanzibar 6*l.* 17*s.* 6*d.* was refused, and a case of Nyasaland realised 6*l.* 15*s.* for fair yellow. Off-colour Calcutta was held at 7*l.* 5*s.*, and fair white at 7*l.* 15*s.* Six cases Bombay sold at 6*l.* 5*s.* for common yellow.

Wax (Vegetable).—Fifty cases China were bought in at 45*s.* per cwt. for soft greasy, inferior to Japanese.

CORRESPONDENCE

TO CORRESPONDENTS.—A letter for publication should always be a distinct communication; nothing else should be mixed up with it. Each query—no matter whether legal, dispensing, or general—should stand by itself, and the paper upon which it is written should always be backed with the shop stamp. We do not undertake to reply to queries by post. Write clearly and concisely on one side of the paper only. All communications should be accompanied by the names and addresses of the writers. Publication of letters does not imply our agreement with them. Letters received after Wednesday morning cannot as a rule be dealt with in the current week's issue.

BUSINESS INFORMATION.—We supply by post (when a stamped and addressed envelope is provided) information as to the makers or agents for articles connected with pharmacy and the chemical and drug trades. Inquiries regarding any articles which cannot be traced are inserted under "Information Wanted."

"Will Not Dry on the Face."

Sir,—Our *confrères* Messrs. Williams are "very confident"—misplaced confidence, however—that our shaving stick was "not introduced until subsequent to 1850," and yet they did *not* know that the above legend was on it. Permit me to say that I have known the shaving stick and its legend for upwards of half a century, and that when I first knew it it was already ancient history, for in 1876 we exhibited some of it, in its present form and present case, at the Philadelphian Centennial Exhibition, which the late Mr. Francis Pears assured us was then fifty years old, hence *made in 1826*, or "better part of a century" ago; and in connection with it we exhibited a placard with the following complimentary statement:

This is half as old as the American Constitution,
and quite as good.

The present tariff proposals remind me of *another* notice which accompanied it. 'Twas thus; it was the practice with some of the American exhibitors to indicate on their show-cases the progress made, in various ways, by the United States during the century; so we, upon our own show-case, marked the following interesting "progress" made in the same period, which mightily amused the good-humoured American folk, but brought me into trouble with the British Commissioners:

Progress made by the United States in 100 years!!!
1776. Duty on Tea, 6 cents per pound.
1876. Duty on Soap, 10 cents per pound plus 25 per cent. *ad valorem*!!

I may remind you, however, that there was a retrogression in the United States, for the duties on toilet soap were subsequently reduced, but at this moment a further "progress" for the succeeding third of a century (1876-1909—thirty-three years) is to be marked by a duty of 20c. per lb., a little handicap of, say, 90*l*. per ton, manipulated at Washington by our American *confrères* against the poor Englishman in exchange for the hospitality we display towards them by letting them bring their wares, with our legends, here for *nothing per pound, nothing per ton.*

I am, yours faithfully,
Thomas J. Barratt,
Chairman and Managing Director, A. & F. Pears, Ltd.
71-75 New Oxford Street, W.C., May 4.

A M.P. for Pharmacists.

Sir,—A chemist who asks "Cui bono?" as to our proposed professional representation in Parliament appears to assume that such work can only be done on party lines, and that pharmacy legislation is a matter of party politics. My experience proves to me that such an assumption is a totally mistaken one. Poisons and pharmacy legislation has been attempted for many years, and by Conservative and Liberal Governments alike, without any chance of success. Mr. Glyn-Jones's active work in connection with it was one of the necessities of success. I am quite satisfied that representation in Parliament by a man who will give close attention to the subject, and who is qualified by a knowledge of all its details, will be of great service to pharmacists. I found that members of Parliament generally had great difficulty in understanding the representations made to them on this subject, and in a large number of cases were so woefully misled by their correspondents that it required but very little information to lead them to the conclusion that their proper course was to support the claims of the Pharmaceutical Society. Although a Liberal, I was easily able to persuade many Conservative members that they had been misled, and they at once promised, and when the time arrived carried out their promises, thoroughly to support the representations made on behalf of the Society. In scarcely any phase of the matters embraced in the Pharmacy Bill was there any appearance of party feeling. I believe that a Conservative representative would be able to do quite as good work in the House, but where could we find a man with the necessary knowledge? Such a master of the subject as Mr. Glyn-Jones would be able to do better than any other representative, and so many things are so frequently brought before the House that require the attention of a chemist representative that I am very anxious to see Mr. Glyn-Jones take his place there.

Yours faithfully,
Camden Town, N.W., May 4. T. H. W. Idris.

Long-necked Castor-oil Bottles.

Sir,—A line to thank the various writers for their letters and opinions expressed in reference to above question. I regret that none of the answers have up to the present explained satisfactorily the use of such antediluvian and ridiculously shaped bottles in the present day, which, if ever used as tongue-depressors, as suggested by some correspondents, were a most dangerous instrument, no longer required in our present advanced stage of knowledge. The time to cease this foolish fashion arrived long ago, and I hope both wholesale and retail dealers will from this time forward dispense castor oil in wide-mouthed bottles, and thus save a great amount of time, trouble, and unnecessary mess to seller and consumer. Thanking you for kind publicity to what I consider an important question, Yours faithfully,
Dublin. F. Miller, L.P.S.I.

Sir,—I am ashamed to have to confess to another error in my hastily written letter on castor oil. The words "but says he had not seen it" should have been deleted, but my letter was unfortunately posted without being corrected. Dr. Murray dates Canvane's treatise 1746, the Museum authorities 1766. These may be the dates of two different editions, but there is nothing in the Museum copy to indicate that it is not the first edition. In it Canvane says he had used the oil in England for about seven years, and for seven years in America. It appears from "Xrayser's" note on the subject that Pliny has two references to castor oil which are not in accord. I am sorry to say my copy of Holland's translation is imperfect and does not contain the chapter quoted by your contributor. My reference was to Book XV., chapter 7.

Yours, etc.,
C. C. Bell.

Sir,—I notice in my letter on the above subject in your issue of last week that a date is given as 1669, which should be 1769. Having noticed the misprinted dates in Mr. Bell's letter, I cannot understand how I came to make a similar mistake. One of the oldest references I have to this drug is in a quaint work with a title page which is too long to include in a letter. The short title is "The General Practise of Physicke" (I retain the old spelling), by Christopher Wirtzung, and is translated into English by Jacob Mosan; it was published in 1617. The reference is in the index of simples "specified in this work." "*Palma Christi*, in Greek *Cici, craton* [croton], *seseli cyprion, pentadactylon*; and of *Erodotus, cillicyprion*; in Latine of *Plinie, Ricinus, Trixis*, and *Sesamum agreste*; of the Herbarists *Palma Christi*, and *Manus Christi*, of the Apothecaries *Cataputia major*. The Arabians do call it *Cherva, Cerva*: it is a plant common

in almost every garden. The seed whereof is called *granum regium*, it is hot and dry in the second or third degree." The 1725 English edition of "Pomet's History of Drugs" has a rather long description of the plant, which will be found under the heading "Of the White Pine Kernels." In the course of it Lemery says, speaking of the oil, that "it purges only by rubbing the Stomach and Belly with it." Yours faithfully,

Manchester, May 3. WILLIAM KIRKBY.

Chemists who Extract Teeth.

SIR,—In view of the fact that so many chemists are extractors of teeth and are also interested in "adapting" artificial teeth, cannot some combine be made to oppose the action of the Dental Association or whatever body is prosecuting individuals for letting the public know that they are prepared to extract teeth or "fit" a case for them? I know there is a society called "The Incorporated Society of Extractors and Adapters of Artificial Teeth," but they have set themselves behind a fence which is almost as unapproachable as the "Dental Association" or whatever that body terms itself. I have extracted teeth now for some years, and I consider that it is great injustice to the chemist extractors that they are harassed in this way. Surely a chemist is more fitted to extract teeth with his knowledge of antiseptic treatment and, where local anæsthetics are used, his acquaintance with the properties, dosage, etc., of the drugs used, than any other individual except the L.D.S. Some of your readers are in the same boat as myself and will, I hope, make some suggestions in the columns of your paper. Yours faithfully,

CHEMIST EXTRACTOR. (33/37.)

Pharmaceutical Council Election.

SIR,—Within a few hours of the time of your next issue, the ballot-papers in connection with the above election will be in the hands of the members of the Society. May I urge on all such to exercise the privilege and duty of recording their votes at this important juncture of pharmaceutical affairs? Members of the Society will also receive about the same time a copy of my election address as a candidate for the vacancy on the Council. It also appears in the pages of your Supplement to this issue. May I ask all members of the Society to pay me the honour of reading through that address, and, if the views therein expressed meet with their approval, to give me their support at the poll?

Weybridge. E. T. NEATHERCOAT.

Efficient Organisation.

SIR,—I like the tone of "Yorkshire Biter," "Ever Open Door," and Mr. Haddock in your last issue. Their letters, like many others addressed to myself, complain bitterly of our lack of organisation. These men are in business to make a living. Frankly admitting that they are not philanthropists, disgusted with our helplessness, ashamed of our inefficient leaders, and sorry for our scattered forces, they dread the chaos reigning over the business of pharmacy, and are prepared to support the progressive movement. Besides, I believe it possible now to form a British Union of Pharmacists which should have for its objects the doing of anything and everything practicable to advance the interests and protect the rights and profits of registered pharmacists. It should eventually absorb all existing trade organisations, and increase their usefulness through having an aggressive as well as a defensive policy. It would be a fighting body, jealous of our privileges and just alike to employer and employé: its duties, to discourage cut-throat competition and misunderstandings; to encourage social intercourse, better hours and trading conditions; to find means of a more profitable system of buying and selling—in short, to improve the business of pharmacy to the benefit of all concerned. I am convinced that with efficient organisation, and given sufficient support, the idea can be developed and become a reality; that it offers advantages unobtainable by any other means. Further, I am prepared to help practically in developing the scheme, with an open mind to receive suggestions, and to consider other or better ideas. A meeting of pharmacists interested will be held at the Royal Horticultural Hall, London, on Tuesday, May 11, at 8 P.M. Friends welcome. Those willing to support should write to Yours truly,

L. MORETON PARRY.

163 Oakfield Road, Liverpool, May 15.

Petrol Taxes of the Budget.

Messrs. Carless, Capel & Leonard, Hackney Wick, N.E., in the course of a letter regarding the petrol taxes of the Budget, refer to its effect on the motor industry and add, with reference to the differentiation between the use of the spirit for motors and for trade purposes:

We do not think it is generally known to how many different purposes petrol, which can be used for motor cars, is now applied. It is used in many important manufacturing industries—*e.g.*, for dry cleaning, for making paints and varnishes, as a solvent for indiarubber, for helmet-making, for the manufacture of illuminating gas, for extracting fats in soap works, and in many similar trades. How can the petrol used for motor-cars be discriminated from the spirit used in such manufacturing processes without imposing many serious restrictions on its use and enhancing its cost to a much greater extent than the amount which will accrue to the revenue? As a parallel case showing the great cost of working under Government supervision, we may quote the instance of the distillers of industrial alcohol, who have restrictions imposed by the Excise authorities. These restrictions are estimated to increase the cost of manufacture by no less than 5*d.* per proof gallon, irrespective of any taxation. Are the distillers of petrol and benzole to be subjected to similar ruinous restrictions, and will they be compensated for this loss, to put them on a level with manufacturers who distil abroad, by a suitable allowance from the Government?

Late Opening v. Early Closing.

SIR,—I have read with interest your report of the proceedings of the Liverpool chemists *re* early closing, but have no faith in any arrangement short of an Act of Parliament to that end. Many years ago we tried early closing in this district, but the scheme fell through in a short time. I then adopted a plan of my own to which I rigidly adhere—viz., late opening—with considerable success. My shop is situated in a working-class neighbourhood, and we cannot possibly close before 10 P.M.; therefore, to avoid "burning the candle at both ends," I do not open until 10 A.M. As my private house is within eight minutes' walk of two of our most attractive parks, this arrangement gives me and my dog the opportunity of enjoying an hour's exercise during the best portion of the day with most delightful surroundings. This seems to me a much better arrangement than docking an hour or two between 8 and 10 P.M., which, in my business are, from a financial point of view, the best hours in the twelve. I am, yours, etc.,

Hulme, April 30. H. STACEY HALL.

The Crisis.

SIR,—The present aspect of things affecting the interests of everyone connected with pharmacy is critical, and a crisis may be expected. This goes without saying; but it is the duty of all concerned to notice the signs of the times, to unite in forming a scientific frontier, and be ready to act in the defensive. To be aware of the tactics of our opponents is highly important, and then by united effort to meet "a sea of troubles" and (if possible) "by opposing end them." During my residence in an important town (Kingston), Professor Attfield was engaged on his *magnum opus*, and I was selected to wait upon the medical practitioners and the chemists and druggists with the schedule of remedies proposed to be omitted or retained in the forthcoming edition of the British Pharmacopœia. Being quite unknown to the medicos, they expressed themselves freely on my calling for the papers. Said they, "We think it is scarcely worth while to publish a new edition of the Pharmacopœia, as we shall go on in our usual way: we can always obtain any new remedies that are worth trying." I suggested that the Pharmaceutical Society was doing useful work in educating the rising generation of chemists. "Yes, that may be all very well; but we can do without general druggists, who are really adventitious traders, and have usurped the profession of apothecaries, which we are determined to regain. There will then be only one or two shops in this town, for we shall be able to dispense our own prescriptions, and can do it economically; the

apothecaries' assistant qualification is open to girls, and there are plenty of them glad of employment." "Yes, I suppose there are," I replied. "Then, you see, we are backed by the Medical Council, whose influence with the Privy Council is important. They, again, will act in concert with the Cabinet, so in a few years' time practice will be on a different footing." The doctors were all very polite, and returned the schedule with but few marks of the pen. I then paid a visit to all the members of our craft. The result proved equally discouraging; for they all sang the same doleful tune and spake with equal disrespect of the doctors—there were too many of them, and they competed, supplying various articles of sundries and even drugs to their patients, thus reducing pharmacists to become dealers in various goods yielding but a small profit.

Yours faithfully,

MERCURIUS. (243/2.)

The Leicester Chemists' Association.

SIR,—I have read the criticisms of Mr. Marfitt and Mr. Lewis, both of which admit the view I enunciated *re* filing dispensary cards was correct, thus my main point in writing you was gained. In reply to Mr. Lewis's very polite and pointed remarks, I may say I was one of the first to advocate and join the half-day closing, long before his advent. It was then decided to close till October 1, and if any alteration was made certain gentlemen were appointed to allotted districts, who were to inform those residing therein of the change. On a certain day a traveller looked in on passing and said he would see me in the afternoon. I replied, "It is closing day." His answer was, "Mr. —— is not closing." I told him he must be mistaken, but I sent my man round, and he found the shop open, the proprietor and traveller there. I decided then to open and close at my own convenience. As to the distance and time it takes to get to the meeting, I think I am as capable of judging as Mr. Lewis. About three years ago I attended several meetings; a certain matter was discussed, but nothing came of it, and, among other things, some prices were arranged—*e.g.*, borax, 3*d.* lb.; Siegel's, 1*s.* 1*d.*; and Woodward's, 10½*d.*; but on the first chance the prices were broken down; borax is now cut at 2½*d.*, although the wholesale price is higher than it was then; Seigel's 1*s.* costs 12*s.*, unless bought direct; Woodward's 9*d.*, same terms. The fact is there is no unanimity amongst us. When I say that I celebrated my golden wedding on April 11, and I have been in business on my own account during that time, I may be excused attending meetings that necessitate being up till 11 o'clock or after.

Yours,

Leicester. SAML. C. NUTMAN.

Letters in Brief.

BALAAM'S ASS.—Mr. A. Ogilby agrees with me evidently that the examination is a poor affair, but thinks I have wronged Balaam's ass. Probably I have. The Pharmaceutical Society is a hard case to find a parallel for, and I might have said with my old schoolmaster "the braying of an ass." An ass will bray if you put a pea-nut in the ear; it sounds like a drum to the ass; but that's not the point. I have looked up Numbers xxii. 22, and differ from A. O. in the lesson therein. Balaam was going the wrong way (so is the Pharmaceutical Society); Balaam could not or would not see the messenger which even the ass saw (we have had the doctors' message for years, nine-tenths of us, yet no change in examination); the messenger did not intend to kill Balaam, for he shifted his position three times. Therefore it cannot be said that the ass saved Balaam's life; the antics of the ass delayed (purposely, I think) Balaam seeing the messenger; and our Society has been at that game for years. Some of our Balaams will have to be killed; I fear argument is useless.—JAY MACK.

NOTE THE PRICES.—The Secretary of the Proprietary Articles Trade Association wishes to remind our retail readers that Coutt's acetic acid was placed on the P.A.T.A. list last month, and that the new prices came in force on May 1; also that the retail and wholesale prices of Sparklet Syphons, also on the P.A.T.A., were advanced as from the same date. A copy of the April Protected List will be sent to any dealer who applies to the P.A.T.A., 184 Temple Chambers, London, E.C.

**** Owing to quite exceptional pressure on our space this week, and in spite of adding more pages, we have had to hold over a number of letters and all the replies to queries which are in type.*

The Royal Academy.

By One of Us.

I READ the other day an article on this year's Exhibition of the Royal Academy at Burlington House by an art critic sufficiently distinguished as such to have his name prefixed to his opinions by a daily whose circulation passes comprehension. The impression it conveyed was that there are in the Exhibition some five-and-twenty pictures worth looking at; and this among the oils—of which there are exactly 749, beginning with the "Newhaven Packet" and ending with "Fantasy." The criticism seemed to me as complete as picking out two dozen pills from five gross sugar-coated pil. col. cum hyos., and saying that these are the only physic. Fate has decreed that I should follow the critic's plan. I was asked to write about the pictures that matter to pharmacists, so I spent a morning in the Academy, and was delighted with the show. There are many splendid pictures; but *C. & D.* commands compel me to pass Gallery No. I., as there is nothing in it akin to the craft. In No. II. there are an excellent portrait of Sir William H. Allchin, M.D., of Cambridge, by Sir Luke Fildes, and a remarkably successful likeness of Alderman Sir Walter Vaughan Morgan, Bart., Lord Mayor of London, 1906, treasurer of Christ's Hospital, and a member of the Court of the Cutlers' Company, apparently intended for the hall of the latter. It is by Mr. T. B. Kennington, who has succeeded where some before him have failed, for he has caught the subdued geniality of the Alderman's face, and gives a three-quarter-length sitting figure in which colouring is subordinate to character. Sir Walter is the senior of the proprietors of the *C. & D.* Gallery No. III. is peculiar among the years in having two portraits of two contemporaneous Ministers in the robes of Chancellor of the Exchequer, Mr. Lloyd George (Fildes) and Mr. Asquith (Solomon). Here also, in the place of honour, is a faithful portrait, by Sir E. J. Poynter, of Henry, seventh Duke of Northumberland, President of the Royal Institution, and a striking picture, by Herkomer, embodying the full-length figure of the Right Hon. Sir John T. Brunner, Bart., M.P. The last needs returning to before one appreciates its beauty, for those who are familiar with Sir John's sober, every-day dress and forceful face are rather startled by the gorgeous Court dress. In this gallery is the finest portrait in the Exhibition, that of the Earl of Wemyss, by Sargent. It was this Earl who, as Lord Elcho, helped to whip the 1868 Pharmacy Act into shape. There is no more picturesque figure in the House of Lords to-day, and the artist has been singularly clear-sighted in conveying intellectuality with forceful simplicity of execution. Gallery IV. contains a faithful portrait of Sir Marcus Samuel, Bart. (of camphor monopoly note), by Herkomer, a gift from his associates in the Shell Transport and Trading Co., and Solomon's portrait of Dr. Ludwig Mond, F.R.S. The latter shows the subject in his doctorate robes. J. MacPherson Lawrie, M.D., in the same gallery, by John Gray, shows the subject in his R.A.M.C. uniform—a somewhat daring but apparently successful effort. Galleries Nos. V. and VI. yield nothing to my pen, but in No. VII. I found in "The Aurelians," by John Cooke, a familiar face, Dr. G. B. Longstaff, with Mr. Selwyn Image—a curious composition. In No. VIII. there is besides S. C. Harrison's portrait of Dr. Charles Drage, a real likeness of Sir Edward Evans, Chairman of the National Liberal Federation, by F. T. Carpmael, who must know his subject well, for he has caught Sir Edward in that everyday pose which half the pharmacists in the kingdom are familiar with, and the same pleasant look is on his face and was there when you saw him last. This finishes my notes on the "oils," but I commend a glance through the water-colours, etchings, drawings, and engravings. It is almost surprising that there are so many good artists in engraving left with us, considering that most people think the art is dead. On that point I had a feeling of renaissance when I was in the Black and White Room. I recommend a peep at No. 1350—Mr. John Pardoe, F.R.C.S.—done in charcoal with a touch of red clay on the cheeks, by Seymour Lucas, one of those seeming trifles by a master which are priceless. The sculpture is voluminous and good. I wonder who it is that Mr. Frank M. Taubman has quoted these lines for:

> "Down-looking, aye, and with a chastened light,
> Hid in the fringes of your eyelids white . . ."

She is a girl of Dana Gibson type in bronze; indeed, a finished bit of concrete portraiture, with delicate tracery in the drapery of the bust. Mr. Taubman is one of us, but now his medium is clay, and I was glad to observe that this bust shows a distinct advance in attitude, conception, and attained refinement in plasticity.

KEEPING LINSEED MEAL.—A correspondent of "The Chemist and Druggist of Australasia" finds that if he stores his pound tins of camphor in the linseed-meal container the meal is kept in splendid order.

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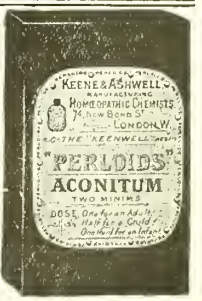

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Special quotations for large quantities and private formulæ.
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Autumnal Catarrh, Rose Fever, and Similar Complaints.

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Go like wild fire and are sold by all the principal pharmacies in the **United States, Canada, Europe, Australia, India, China, Japan, Egypt, North, South, East and West Africa, Asia, Cuba, East and West Indies, Phillipines and Central America.** Sulphur Bitters are especially adapted for all diseases peculiar to hot climates.

For Sale by Jobbers and Druggists in all Countries, and
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Popular Priced Pills

Soluble Pearl-Coated.

Pil. Aloes et Ferri, gr. iv.; Ol. Pulegii, m ½ .. .. .. **2d.** *per gross.*
Pil. Antibilious, Pil. Hydrarg., Pil. Rhei Co., aa. gr. ij. ss. **4d.** *per gross.*
Pil. Aperient (Ext. Aloes Aquos ℈j., Pulv. Cambog. gr. iv., Pulv. Jalapæ, gr. viij.; Pulv. Colocynth, gr. vj.; Pulv. Hyd. Subchlor., gr. iv.; Sapo Hyspan. gr. iv.; Gingerin, gr. iv.; Ft. Pil. xij.) .. .. **2½d.** *per gross.*
Pil. Aperient (Little) (Aloin, Jalapin, aa. gr. 1-10; Podophyllin gr. 1-5; Ext. Hyoscy., Ext. Nucis Vom., Capsicin, aa. gr. 1-20) .. .. **2d.** *per gross.*
Pil. Back and Kidney (Oval) Gelatine-coated (Ext. Buchu, Ext. Uvæ Ursi, Pulv. Capsici, aa. gr. ¼; Ol. Juniper., m ¼. Pulv. Pot. Nit., gr. j.; Podophyllin, gr. ⅛. Terеb. Venet., gr. ½ .. .. **7d.** *per gross.*
Pil. Castor Oil (Ol. Ricini gr. ½. Pot. Sulph., gr. 1½; Pulv. Rhei, gr. ij; Sapo Hyspan., gr. ½; Ol Crotonis, gr. 1-10) .. .. .. **2d.** *per gross.*
Pil. Calcii Sulphid., gr. ¼ ½ ¾, or 1 .. .. **2½d.** *per gross.*
Pil. Coloc. Co., B.P. .. .. **5½d.** *per gross.*
Pil. Coloc. et Hyoscy., B.P. .. .. **5½d.** *per gross.*
Pil. Dandelion and Camomile (Ext. Taraxaci, Ext. Anthem, Pulv. Rhei, aa. gr. j.; Pulv. Zingib., Pulv. Aloes Barb., aa. gr. ½; Ol. Carui, gr. ¼) **2½d.** *per gross.*
Pil. Ferri Co., B.P. .. .. **9/6** *per 100 gross.*
Pil. Gout and Rheumatic (Ext Colchici Acet., gr. ss.; Pil. Hydrarg., Pil. Rhei Co., Ext. Hyoscy., aa. gr. j.) .. .. **7d.** *per gross.*
Pil. Ipecac. et Scillæ, B.P. .. .. **3d.** *per gross.*
Pil. Neuralgic (Quineti, Ferri Sulph., aa. gr. ½; Ext. Bellad., gr. ¼; Ext. Colchici Acet., gr. ⅛; Hyoscy. Camphorat. aa. gr. j.) .. **8d.** *per gross.*
Pil. Podophyllin (Podophyllin gr ¼; Ext. Coloc. Co., gr. ½; Pulv. Aloes Socot., gr. j.; Pulv. Scammon., gr. ¼. Sapo Hyspan., Ext. Hyoscy., Gingerine, aa. gr. ⅛ .. .. **5d.** *per gross.*
Pil. Quinine, gr. j. .. .. **5½d.** per gross.
Pil. Quinine, gr. ij .. .. **9d.** *per gross.*
Pil. Rhei Co., B.P. .. .. **2d.** *per gross.*
Stomach and Liver Beans (Oval) Gelatine-coated, same Formula as Pil. Aper., but with 1 gr. Calomel in each Bean .. .. **5d.** *per gross.*

Minimum quantity, 5×10 gross tins, which may be assorted, with the exception of Pil. Ferri, B.P. All Pills Pearl-coated unless otherwise indicated. No extra for coloured coatings.

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*Acid Acet. Glacial., 99%, 12 6-lb. bots. @ 6½d. lb.; 6 lbs. @ 8d.
Acid Acetylo-Salicyl., 56 lbs. @ 2/1 lb.; 7 lbs. @ 2/3 lb.; 1 lb. @ 2/5 lb.
,, Boric. Pulv., 3 cwt. @ 28/- cwt.; 1 cwt. @ 28/6 cwt.; Levigated, 3/- cwt. extra.
,, **Citric Xtls.**, 39/40; 56 lbs. @ 5¾d. lb.; 10-lb. Tins @ 6/- each; Detacbel Cryst. 8/- each; 6 1-lb. Bots. @ 11*d.* lb.; Detached Cryst. 2d. lb. extra; Crude Black, 45 Gall. Casks @ 10*d.* gall.; 1 Gall. Tins @ 1/5 each.
,, **Citric Cryst.**, B.P. '85, 1 cwt. @ 1/5 lb.; 7 lb. in Bags @ 1/6 lb.; powder ½*d.* extra.
,, **Oxalic Cryst.**, 5 cwt. @ 3⅜d. lb.; 1 cwt. @ 3⅝d. lb.; 14 lbs. @ 4*d.* lb.
,, Salicyl. pulv., 1 cwt. @ 1/1 lb.; 28 lbs. @ 1/2 lb.; 7 lbs. @ 1/3 lb.; phys. pure, 1 lb. @ 3/- lb.
,, Tart., cryst. or pulv., B.P. 1885, 1 cwt. @ 10½d. lb.; 7 lbs. @ 11½d. lb.; parv. ¼d. lb. extra.
Adeps Benz., B.P., 28 lbs. @ 8*d.* lb.
Adeps Lanæ B.P., Anhydrous, 2 cwt. @ 52/6 cwt., Hydrous @ 49/- cwt.; 1 cwt @ 2/- cwt., 28 lbs. @ 5/- cwt., 14 lbs. @ 8/- cwt., 7 lbs. @ 12/- cwt. extra.
Aloin B.P., 1 lb. @ 3/9 lb.
Ammon. Benz., 7 lbs. @ 2/8 lb.; 1 lb. @ 3/- lb.
Ammon. Brom., P.B., 1 cwt. @ 1/1½ lb.; 7 lbs. @ 1/3 lb.
Ammon. Carb. lump, 3 cwt. @ 3⅜d. lb.; 28 lbs. @ 4½d. lb.; 7 lbs. @ 5d. lb.; powder, ½d. lb. extra.
Ammon. Chlor., 99% pulv., 1 cwt. @ 33/- cwt.; 7 lbs. @ 4d. lb.; Batteries, 4/- cwt. extra.
Amyli Pulv., 10 cwt. @ 13/3 cwt.; 2½ cwt. @ 13/9 cwt.; 1 cwt. @ 15/3 cwt. [33/- cwt.
Antim. Nig. pulv., 1 cwt. @ 25/6 cwt.; 14 lb. @
Apiol, 1 lb. @ 13/9 lb.
*Aqua Anethi Conc. 1-40, 1 lb. @ 2/11 lb.
* ,, Anisi Conc. 1-40; 1 lb. @ 3/1 lb.
* ,, Cinnam. Conc. 1-40, 1 lb. @ 3/4 lb.
* ,, Aurant. Trip., 53 lbs. @ 17/6; 6 lbs. @ 7d. lb.
* ,, Aurant. Conc., 1-40, 1 lb. @ 6/1 lb.
* ,, Rosæ Trip., 53 lbs. @ 17/6; 6 lbs. @ 7d. lb.
* ,, Rosæ Conc. 1-40, 1 lb. @ 6/- lb.
* ,, Samb. Trip., 53 lbs. @ 23/6; 6 lbs. @ 8d. lb.
* ,, Samb. Conc., 1-40, 1 lb. @ 6/1 lb.
* ,, Laurocerasi, 53 lbs. @ 17/6; 6 lbs. @ 7d. lb.
* ,, Menth. Pip. Conc. 1-40, 1 lb. @ 3/- lb.
Argent. Nit., 6's to oz., 25 oz. @ 1/8½ oz.; 1 oz. @ 1/10 oz.
,, ,, Cryst., 25 oz. @ 1/6 oz.; 8 oz. @ 1/7 oz.
Auri Chlor., 1 doz. 15 gr. tubes @ 19/6 doz.
Bals. Copaibæ pure, 44 lbs. @ 2 2 lb.; 9 lbs. @ 2/4 lb.; 1 lb. @ 2/8 lb.
Benzo-Naphthol, 7 lbs. @ 2/8 lb.; 1 lb. @ 3/- lb.
Bismuth, P.B. Carb., 14 lbs. @ 7/9 lb.; 3 lbs. @ 8/1 lb.; subnit., 1/- lb. less.
Boracic Mixture, 1 cwt. @ 38/ cwt.
Borax, 1 cwt. @ 16/9; powder 1/- extra
Caffeinæ Cit. B.P., 1 lb. @ 10/- lb.
Calamine B.P., 7 lbs. @ 9*d.* lb.
Calcii Carb. præcip., 5 cwt. @ 14/6 cwt.; 1 cwt. @ 17/- cwt.; 28 lbs. @ 19/- cwt. [5d. lb.
,, Hydras, P.B., 1 cwt. @ 25/- cwt.; 7 lbs. @
,, Hypophosph. Pur. P.B. 1 lb. @ 2/3 lb.
,, Iodid., 1 lb. @ 14/6 lb.
Camphor, English Flowers, "not artificial," 5 lbs. @ 1/11 lb.; ¼ oz. 7 lbs. @ 2/2 lb.; ½ oz. 7 lbs. @ 2/4 lb.; 1 cwt. lots. 1d. lb. less; Crude, 140 lbs. @ 1/4¾d. lb.; 28 lbs. at 1/6 lb.
Cantharides, Russian, 7 lbs. @ 2/10 lb.; powder, 5d. lb. extra.
Capsicine, soluble, 1 lb. @ 6/6 lb.
Carbo Animalis or Ligni, 1 cwt. @ 14/- cwt; 28 lbs. @ 2d. lb. [13/- lb.
Carmine, Finest, 1 lb. @ 17/- lb.; No. 2, 1 lb. @
Cera Alba, B.P., White Moons, 1 cwt. @ 1/6½ lb.; 28 lbs. @ 1/7½ lb.; 4 lbs. @ 1/8 lb. Flav. 1 lb. Blocks, 28 lbs. @ 1/6½ lb.; 4 lbs. @ 1/7½ lb.; 1 oz., ½ oz. Tabs., 7 lbs. @ 1/7½ lb.
Cetaceum: No. 1, fine white, 64 lbs. @ 1/4 lb.; 7 lbs. @ 1/6 lb.; powder, 7 lbs. @ 1/10 lb.
Chloral Hydras Cryst. B.P., 7 lbs. @ 4/5 lb.; 1 lb. @ 4/9 lb.
*Chlorodyne, 5 lbs. @ 1/11 lb.
***Chloroform**, pure B.P., 12 8-lbs. @ 1/7½ lb.; 8 lbs. @ 1/8½ lb.; 6 1-lb. botts. @ 1/10½ lb.
Chlorophyll, 7 lbs. @ 5/- lb.; 1 lb. @ 5/9 lb.
Cocainæ Hydrochlor. P.B., 25 ozs. @ oz.; 4 ozs. @ 7/10 oz.; 1 oz. @ 8/- oz.
Codeina, 1 oz. @ 10/9 oz.; Phosph., 1 oz. @ 9/3 oz.; Hydrochlor. or Sulph. 1 oz. @ 9/11 oz.
Colocynth. Apple, English ground, 1 cwt. @ 10½d. lb.; 28 lbs. @ 11d. lb.; 7 lbs. @ 1/0½d. lb.
Composition Powder (Coffin's), 1 cwt. @ 58/- cwt.; 7 lbs. @ 7½d. lb.
Conf. Sennæ P.B., 14 lbs. @ 8d. lb.; 7 lbs. @ 8½d. lb.
Cream Tartar, 98 % powder, 1 cwt. @ 74/- cwt.; 7 lbs. @ 9d. lb.
Creosotum Beechwood, P.B., 22 lbs. @ 1/7 lb.; *7 lbs. @ 1/9 lb.
Creta c. Camph., 7 lb. @ 8d. lb.
,, Gall. Pulv., in sacks, 10 cwt. @ 6/- cwt.; 1 cwt. @ 7/- cwt.; 14 lbs. @ 1½d. lb.
Creta Præparata, 7 lbs. in box, 9d. each.
*Dec. Aloes Co. Conc. 1-2, 6 lbs. @ 2/1 lb. Sine croco, 6 lbs. @ 1/2 lb.
*Dec. Cinchonæ (Rubræ) Conc. 1-7, 6 lbs. @ 1/10
*Dec. Senegæ Conc., 6 lbs. @ 2/1 lb. [lb.
Dionine, 15 grains @ 1/8; ¼ oz. @ 9/-.
Emulsio Ol. Morrhuæ, 10 lbs. @ 6½d. lb.
Eserine Sulph. in 15 grain tubes, 3/3 each.
Ess. Bergam. (Oil), 12 lbs. @ 14/- lb.; 1 lb. @ 15/6 lb., not guaranteed absolutely pure.
Ess. Limonis (oil) original coppers, 12 lbs. @ 3/6 lb.; 6 1-lb. bots. @ 4/6 lb., not guaranteed absolutely pure.
*Ess. Pear (artificial), Jargonelle, 5 lbs. @ 1/6 lb.; Bergamot, 2/6 lb.
*Ess. Pineapple, 5 lbs. @ 3/4 lb.
* ,, Raspberry, 5 lbs. @ 1/10 lb.; 1 lb. @ 2/2 lb.
* ,, Vanilla Beans, 5 lbs. @ 4/4 lb.; 1 lb. @ 4/7 lb. [@ 5/- lb.
*Ext. Belladonnæ Liq. B.P., 5 lbs. @ 4/7 lb.; 1 lb.
Ext. Cascara Sag. Liq., B.P., 10 lbs. @ 1/3 lb.
*Ext. Ergot. Liq. P.B., 5 lbs. @ 3/4 lb.; 1 lb. @ 3/6 lb.
* ,, Glycyrrh. Liq. B.P., 6 lbs. @ 1/6 lb.
* ,, Hamamelis, Liq. P.B., 5 lbs. @ 3/5 lb.
*Ext. Ipecac. Liq. P.B., 5 lbs. @ 1 1/- lb.; 1 lb. @ 11/9 lb.
***Ext. Nucis Vom. Liq. B.P.**, 5 lbs. @ 3/3 lb.; 1 lb. @ 3/6 lb.
,, Quassiæ, Solid, 7 lbs. @ 6/- lb.; 1 lb. @ 6/4 lb.
Ext. Sarsæ Co. Solid; 7 lbs. @ 4/- lb.; 1 lb. @ 4/6 lb.
Ferri Carb., 1 cwt. @ 21/- cwt.; 28 lbs. @ 3d. lb.
Ferri et Quininæ Cit., P.B.; 500 ozs. @ 3d. oz.; 100 ozs. @ 3¼d. oz.; 25 ozs. @ 3½d. oz.
Flor. Anth. Exot., first pickings 1908, 1 cwt. @ 66/- cwt.; 7 lbs @ 8d. lb.; 2nd. 1 cwt. @ 48/-.
Fol. Sennæ, Alex. Parv., 1 cwt. @ 4*d.* lb.; 28 lbs. @ 4¼*d.* lb.
,, Sennæ Tinnev. 3½ cwt. @ 2½d. lb.; 1 cwt. @ 3¼d. lb.; 7 lbs. @ 3½d. lb.; English Ground, 1 cwt. @ 5¾d. lb.; 56 lb. @ 6d. lb.; 7 lbs. @ 7d. lb. [7 lbs. @ 7½d. lb.
Formaldehyde, 40%, 132-lb. Carboys @ 50/- each;
Ginger, English Ground, 1 cwt. @ 52/- cwt.; 7 lbs. @ 6½d. lb.
Gingerine, Extra, 5 lbs. @ 9/6 lb.; 1 lb. @ 10/- lb.
*Glycerin. Acid. Boric P.B., 6 lbs. @ 1/2 lb.
*Glycerin. Acid. Carbolic P.B., 6 lbs. @ 1/2 lb.
* ,, Acid. Tannic, P.B., 6 lbs. @ 1/2 lb.
* ,, Belladon. B.P.C., 6 lbs. @ 2/6; 1 lb. @ 2/9 lb.
* ,, Boracis P.B., 6 lbs. @ 11d. lb.
Glycerin. Opt., D.D., 1·260 P.B., 1 cwt. @ 73/- cwt.; 56 lb. @ 74/- cwt.; 12 lbs. @ 9½d. lb.
Glycerin. Pepsine Acid P.B., 1 lb. @ 3s. lb.
*Glycerine Plumbi, subacet., P.B., 6 lbs. @ 1/4 lb.
Gran. Parad., 1 cwt. @ 75/- cwt.; 7 lbs. @ 9d. lb.; Powder, 7 lbs. @ 10d. lb.
Guaiacol Carb., 7 lbs. @ 5/- lb.; 1 lb. @ 5/4 lb.
Guaiacol, pure, 1 lb. @ 3/6 lb.
Gum Acaciæ sorts, 3 cwt. @ 38/- cwt.; 1 cwt. @ 45/- cwt.; 7 lbs. @ 5½d. lb.; English Ground Powder, No. 1, 1 cwt. @ 95/- cwt.; 7 lbs. @ 1/- lb.; No. 2, 1 cwt. @ 60/- cwt.; 7 lbs. @ 8d. lb.
Gum Benzoin, Sumatra, 84 lbs. @ 1/4 lb.; 7 lbs. @ 1/6 lb.
Gum Catechu, Nig. English Ground, 1 cwt. @ 50/- cwt.; 14 lbs. @ 6d. lb.
Gum Guaiaci, 1 cwt. @ 10½d. lb.; 28 lbs. @ 1/- lb.
Gum Juniper, 14 lbs. @ 9d. lb.
Gum Tragac. Elect., English Ground, 7 lbs. @ 3/6 lb; 1 lb. @ 3/9 lb.
*Heading (Frothing Ess.), 5 lbs. @ 1/1 lb.
Hydrokinone, 7 lbs. @ 3/4 lb.; 1 lb. @ 3/7 lb.
Lin. Camph. P.B., 40 lbs. @ 11*d.* lb.; 9 lbs. @ 1½d. lb.
Lin. Sapo Meth., 9 lbs. @ 7d. lb.
Lin. Tereb. Acet., B.P., 9 lbs. @ 1/- lb.
Linseed c. Oil, Crushed, 3 cwt. @ 16/- cwt.; 1 cwt. @ 16/6 cwt.
*Liq. Ammonii Acetatis Conc. 1-7, 6 lbs. @ 10½*d.* lb.; 1 lb. @ 1/0½ lb.
*Liq. Ammon. Aromat., 6 lbs. @ 9d. lb.
* ,, Antim. Chlor. Pure, 8 lbs. @ 6½*d.* lb.
* ,, Arsenicalis, B.P., 7 lbs. @ 4d. lb.; 1 lb. @ 7d. lb.
* ,, Arsenii Hydrochlor., P.B., 7 lbs. @ 4d. lb.; 1 lb. @ 7*d.* lb.
* ,, Bismuth. P.B., 6 lbs. @ 10½*d.* lb.
* ,, Copaiba Bucha et Cubeb, 5 lbs. @ 2/6 lb.; 1 lb. @ 2/10 lb.
* ,, Easton., p.s. 1-3, B.P., 1 lb. @ 3/- lb.
* ,, Ferri Dialysatus, 6 lbs. @ 7*d.* lb.
* ,, Ferri Iod. p.s. 1-7, 1 lb. @ 5/9 lb.
* ,, Ferri Perchlor. Fort. P.B., 7 lbs. @ 4*d.* lb.
* ,, Ferri Phosph. Co. p.s. 1-7, 7 lbs. @ 1/6.
* ,, Hypophosph. Co. p.s. B.P.C., 1 lb. @ 3/4 lb.
* ,, Iodi Fort. B.P., 5 lbs. @ 4/9 lb.
Ol. Morrhuæ, 1909, finest non-freezing Norwegian, 25-gall. tin-lined barrels @ 69/- per barrel; 2-gall. tins, 7/6 each. [1/- lb.
Shellac (Orange), 1½ cwt. @ 88/- cwt.; 7 lbs. @
Soda Caustica, 28-lb. tin @ 8½*d.* lb.; 6 1-lb. Bots. @ 10*d.* lb.
Sodii Bromid. P.B., 1 cwt. @ 1/0½ lb.; 7 lbs. @ 1/2 lb.
Sodii Hyposulphite pea cryst., 1 cwt. @ 8/6 cwt.
Soda Salicyl. Pulv., 1 cwt. @ 1/5 lb.; 28 lbs. @ 1/6 lb.; 7 lbs. @ 1/7 lb.; phys. pur., 28 lbs. @ 2/2 lb.; 1 lb. @ 2/5 lb.
Soda Sulphocarbolas B.P., 7 lbs. @ 10½d. lb.; 1 lb. @ 1/1 lb.
*Spt. Æther Nit. P.B., 4½ lbs. @ 3/6 lb.; 1 lb. @ 3/9 lb.
*Sp. Ammon. Aromat. P.B., 5 lbs. @ 2/8½ lb.
*Spt. Chloroformi P.B., 5 lbs. @ 3/7 lb.
Strychnina cryst. B.P., 100 oz. @ 1/5¾ oz.; 25 ozs. @ 1/6½ oz.; 1 oz. @ 1/10 oz.; Hydrochlor. and Nitrate, 2d. oz. less.
Sugar of Milk, B.P., 1 cwt. @ 48/- cwt.; 7 lbs. @ 7d. lb.
Sulphonal B.P., 1 lb. @ 9/6 lb.
*Syr. Aurant. P.B., 7 lbs. @ 8d. lb.
*Syr. Easton B.P., 7 lbs. @ 1/- lb.
* ,, Ferri Iodid. P.B., 7 lbs. @ 1/1 lb.
* ,, Ferri Phosphat. Co., 7 lbs. @ 5d. lb.
* ,, Hypophosph. Co. B.P.C., 7 lbs. @ 9d. lb.
* ,, Pruni Virg. B.P., 8 lbs. @ 7d. lb.
* ,, Rhamni, 7 lbs. @ 10d. lb.
* ,, Rhei P.B., 7 lbs. @ 7½d. lb.
* ,, Scillæ P.B., 7 lbs. @ 4½d. lb.
* ,, Sennæ P.B., 7 lbs. @ 8d. lb.
* ,, Tolut. P.B., 7 lbs. @ 7d. lb.
*Tinct. Aurantii Recens B.P. 5 lbs. @ 3/6 lb.
*Tinct. Belladon. B.P., 5 lbs. @ 2/11 lb.
*Tinct. Benzoini Comp. P.B., 5 lbs. @ 3/5 lb.
*Tinct. Camph. Comp. P.B., 5 lbs. @ 2 5 lb.
*Tinct. Cantharidis, P.B., 5 lbs. @ 3 9 lb.
*Tinct. Capsici B.P., 5 lbs. @ 3/3 lb.
*Tinct. Card. Comp. P.B., 5 lbs. @ 2/6 lb.
*Tinct. Catechu P.B., 5 lbs. @ 2/8 lb.;
*Tinct. Chlorof. c. Morph. Comp. B.P. 1885, 5 lbs. @ 1/11 lb.
*Tinct. Cinchon. Comp. B.P., 5 lbs. @ 3/4 lb.
*Tinct. Cinchon. Rub. P.B., 5 lbs. @ 3/4 lb.
*Tinct. Digitalis B.P., 5 lbs. @ 2/8 lb.
*Tinct. Gelsem. B.P., 5 lbs. @ 2/10 lb.
*Tinct. Gentianæ Comp. B.P., 5 lbs. @ 1/11½ lb.
*Tinct. Hyoscyami, B.P., 5 lbs. @ 2/10½ lb.
*Tinct. Iodi B.P., 5 lbs. @ 3/11 lb.; decolor, 5 lbs. @ 4/3 lb.

*Minimum quantity at these prices, Home Trade, 3 Winchester Quarts assorted. Export, 12 Winchester Quarts assorted.

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Goods carriage forward; all packages free; Export cases extra.

ALLIANCE DRUG & CHEMICAL CO., LONDON.

Office: 34 LEADENHALL STREET.

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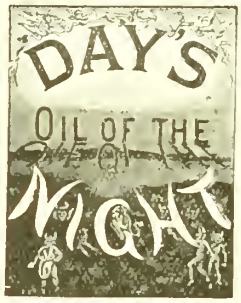

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Trade Prices ... 10 - and 25 - per dozen.

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A handsome Profit assured.

Mrs. WINSLOW'S SOOTHING SYRUP

FOR CHILDREN TEETHING.

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THE LEADING LINE IN PATENTS

QUICKEST SALES

BEECHAM'S PILLS

May now be had in **£5** Lots, at Lowest Prices, Carriage Paid. Packages Free.

ORDERS must be accompanied by Cash. Cheques to be made payable to Thomas Beecham, and crossed "Parr's Bank, Limited, St. Helens."

		PER DOZEN.
PRICES.—Beecham's Pills, 13½d. size (56 pills)	....	9/6
,, 2s. 9d. ,, (168 ,,)	....	25/-
Beecham's Tooth Paste, 1s. size	....	7/6

ADVERTISING MATTER to suit Retailers' requirements will be sent on application.

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. . THE . .

Chemist's Co-operative Wholesale.

			s.	d.
Acid. Benzoic. B.P. 28 lbs. @ 1/5	7 lbs.	lb.	1	6
Acid. Tartaric. Pulv. or Parv. B.P. 1885 ...	14 lbs.	,,		11
Adeps Benz. B.P.... ...	28 lbs.	,,		7½
Adeps Lanæ Hydrosus, B.P.	28 lbs.	,,		6
Aqua Menth. Pip. Conc. 1-40	5 lbs.	,,	2	4
Balsam Copaibæ, B.P. 44 lbs. @ 2/1	9 lbs.	,,	2	3
Bismuth Carb. B.P. 14 lbs. @ 7/4½	3 lbs.	,,	7	6
Bismuth Subnit. B.P. 14 lbs. @ 6/4½	3 lbs.	,,	6	6
Camphor, English, Genuine Flowers ... 30 lbs. @ 2/-	5 lbs.	,,	2	1
Tablets, ½, ⅓, & ¼ oz. 1 cwt. @ 1/11, 28 lbs. @ 2/-	7 lbs.	,,	2	1
Chloroform B.P. 12 × 8 lb. bots. @ 1/6½ lb.	8 lbs.	,,	1	7½
Cocainæ Hydrochlor. B.P. 25 ozs. @ 7/4, 8 ozs. @ 7/6	1 oz.	oz.	7	8
Cream of Tartar, B.P. ...	7 lbs.	lb.		9
Dec. Sarsæ Jam. Co. Conc. 1-7	6 lbs.	,,	2	2
Ext. Cascaræ Sagradæ Liq. B.P.	6 lbs.	,,	1	2
Ext. Ergotæ Liq. B.P. ...	1 lb.	,,	2	10
Ext. Glycyrrh. Liq. B.P.	6 lbs.	,,	1	2
Ferri et Quinin. Cit. B.P. 100 ozs. @ 3d.	25 ozs.	oz.		3¼
Glycerine, B.P., D.D. 1 cwt. @ 70/-	56 lbs.	cwt.	71	0
Hydrarg. Ammon. B.P. 28 lbs. @ 2/10	7 lbs.	lb.	2	11
Infus. Buchu Conc. 1-7 ...	6 lbs.	,,	1	3
Infus. Gent. Co. Conc. 1-7	6 lbs.	,,		11
Infus. Senegæ Conc. 1-7	6 lbs.	lb.	1	10
Lin. Aconiti Meth. ...	6 lbs.	,,		10
Lin. Belladon. Meth. ...	6 lbs.	,,	1	2
Lin. Camph. B.P.... ...	40 lbs.	,,	1	0
Liq. Ammon. Acet. Conc. 1-7	6 lbs.	,,		9
Menthol, Cryst. B.P. 5 lbs. @ 7/6	1 lb.	,,	7	10
Morphinæ Acet., Hydrochlor. or Sulph. B.P. Pulv. ... 8 ozs. @ 6/5	1 oz.	oz.	6	8
Oleum Amygd. Dulc. Ang. B.P. 30 lbs. @ 1/8	9 lbs.	lb.	1	9
Oleum Caryoph. Ang. B.P. 5 lbs. @ 3/1	2 lbs.	,,	3	4
Oleum Cocois Nuciferæ, Odourless	20 lbs.	,,		5¼
Oleum Juniperi Ligni 28 lbs. @ 1/4	9 lbs.	,,	1	5
Opium Turc. (10½ % Morphine) ... 7 lbs. @ 13/6	1 lb.	,,	14	0
Phenacetin B.P. 7 lbs. @ 2/7	1 lb.	,,	2	9
Phenazonum B.P. 7 lbs. @ 6/10	1 lb.	,,	7	0
Potass. Bromid. B.P. 1 cwt. @ 10½d., 28 lbs. at 11d.	7 lbs.	,,	1	0
Potass. Iodid. B.P. 14 lbs. @ 7/8	3 lbs.	,,	7	11
Pulv. Glycyrrh. Co. B.P.	28 lbs.	cwt.	30	0
Quinine Sulph. B.P. "Not Java" 100 ozs. @ 6¾d.	25 ozs.	oz.		7¼
Santoninum B.P. 7 lbs. @ 13/6	1 lb.	lb.	14	0
Spt. Æther Nit. B.P. ...	5 lbs.	,,	3	5
Spt. Ammon. Arom. B.P.	5 lbs.	,,	2	9
Strychnine Cryst. B.P. 25 ozs. @ 1/6	8 ozs.	oz.	1	8
,, Pulv. 25 ozs. @ 1/5½	8 ozs.	,,	1	7½
,, Hydrochlor. B.P. 25 ozs. @ 1/4	8 ozs.	,,	1	6

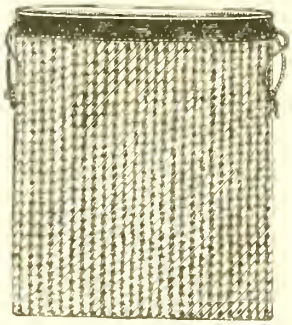
PRICE LIST. PLEASE NOTE. *All quotations in current issue of Price List for Spirituous Preparations are advanced owing to increased duty.*

36 CAMOMILE STREET, LONDON, E.C.

TERMS: Cash with order. Packages free. Export Cases extra.

Carriage paid as follows:—London & Suburbs: On orders value £2. Country: On orders value £5. Heavies excluded.

TOOGOOD'S SPONGE BAGS.



SUPER QUALITY CHECK.

Nos 1	2	3	4	5	6	7	8
5/6	6/6	8/3	10/3	11/3	14/-	18/-	20/- doz.

SPECIAL QUALITY CHECK.

Nos 1	2	3	4	5	6	7	8
4/-	4/6	5/6	6/9	8/-	10/-	12/-	14/- doz.

No. 2140. DICE CHECK.

Nos 1	2	3	4	5	6
4/-	4/6	5/3	6/6	7/-	9/- doz.

THE "CLIMAX."

Proofed on both sides.

Nos 1	2	3	4	5	6	7	8
8/6	10/-	12/-	15/-	18/-	20/-	23/-	26/- doz.

SPONGE WRAPPERS.

SUPER QUALITY CHECK.

Without Pocket.

18 × 18	20 × 20	22 × 22	24 × 24
15/-	18/-	20/-	23/- doz.

SUPER QUALITY CHECK.

With Pocket.

18 × 18	20 × 20	22 × 22	24 × 24
18/-	21/-	24/-	27/- doz.

THE "CLIMAX."

Proofed on both sides. Without Pocket.

20 × 20	22 × 22	24 × 24
24/-	29/-	33/- doz.

THE "CLIMAX."

Proofed on both sides. With Pocket.

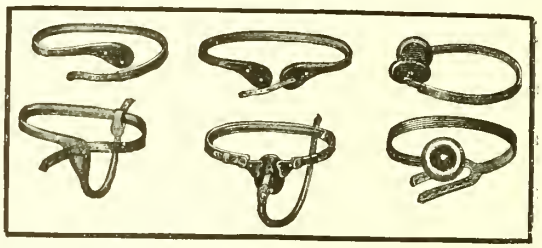
20 × 20	22 × 22	24 × 24
28/-	34/-	40/- doz.

Above Prices are subject to 7½ per cent. 1 month.

WILLIAM TOOGOOD, LTD.

77 SOUTHWARK STREET, LONDON, S.E.

BAILEY'S



TRUSSES

WHOLESALE. ACTUAL MAKERS.
BEST QUALITY. BOTTOM PRICES.

MADE ON THE PREMISES.

Specials Despatched in 24 hours.

Illustrated Price List free

		Double.
Bailey's Circular Trusses	23/-	37/-
" " " 2nd quality ...	16/9	31/6
" Special "Marone," with Customer's Name in Gold... ...	26/-	43/-

Correspondence invited. Best Shipping Terms. [1]

38 Oxford St., LONDON, W.

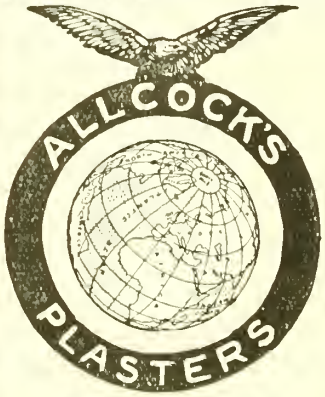
The Original and only Genuine

Allcock's

POROUS **PLASTERS**

A REMEDY OF 60 YEARS' STANDING.

Allcock's Plasters
Allcock's Corn and Bunion Plasters
Brandreth's Pills
} ***The Three Reliables.***



A HANDSOME SHOWCARD will be sent free of cost and post paid on application.

ALLCOCK MANUFACTURING COMPANY
22 Hamilton Sq., Birkenhead.

"Sold all round the World."

VITTORIA LIQUORICE JUICE.

THE FINEST AND PUREST OBTAINABLE.

8½d. per lb., 75/- per cwt. in 2-oz. and 4-oz. sticks.

Specialities:

Essential Oils, High Class Powders from Specially Selected Drugs, Crude Drugs of all Descriptions.

Correspondence in French, German, Spanish and Portuguese.
Indents executed for all Classes of Goods on Commission Basis.

HORNER & SONS, 24 George Street, Tower Hill, London, E.C.

COCAINE

MORPHINE

and their Salts.

CODEINE

Narcotine **Cotarnine**

C. H. BOEHRINGER SOHN,

Nieder-Ingelheim-on-Rhine.

FOR SPECIAL OFFERS ADDRESS MY AGENTS: MESSRS. W. CAUDERY & CO., 1 FENCHURCH AVENUE, LONDON, E.C.

PATTINSON'S MAGNESIA PATESIA TRADE MARK

PATTINSON'S

MAGNESIA

CARBONATE, CALCINED, AND FLUID.

THE WASHINGTON CHEMICAL CO., LIM., WASHINGTON, COUNTY DURHAM, **ENGLAND.**

London Agents—Messrs. CLIFFORD CHRISTOPHERSON & CO., 21 Mincing Lane, London, E.C.

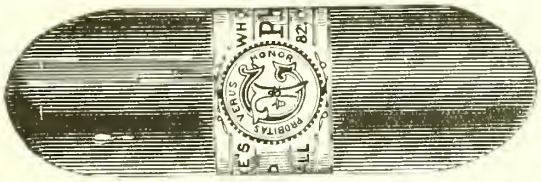
WALKER, TROKE & CO.

WHOLESALE DRUGGISTS,

(late 65) Bath St., City Road, LONDON, E.C.

Telephone: "3593 CENTRAL."

GELATINE-COATED DOG & FOWL PILLS. ***Samples Free.***



SOLE MAKERS OF

GABRIEL & TROKE'S GELATINE CAPSULED

HORSE BALLS

Alterative, Condition, Cordial, Cough, Diuretic, Fever, Physic, Worm, Quinine, Tonic Balls (Registered 81,291).

Sole Makers of **'SANOGEN VAPORISER'** (Reg. No. 21,772), for **WHOOPING COUGH, ASTHMA, &c.** Retail Price 2/6 (subj. to dis.)

GUARANTEED PURE·BRITISH MANUFACTURED
SPECIAL·BRANDS·FOR·THE·TROPICS
ALL QUALITIES ALL PACKAGES
SOFT SOAP
CASTOR OILS
THE HULL OIL MANUFACTURING Co. Ltd. HULL Engld

The Largest Manufacturers of Castor Oil in the World,

SAL HEPATICA.

PUT UP FOR EXPORT:

Small	size,	3 oz.	bottle,	in case.
Medium	„	7 „	„	„
Large	„	16 „	„	„

OBTAINABLE IN LONDON FROM

The American Drug Stores, 4 Northumberland Avenue, Charing Cross, W.C., and Craven House, Kingsway, W.C.

Burgoyne, Burbidges & Co., 16 Coleman Street, E.C.

Thos. Christy & Co., 4-12 Old Swan Lane, Upper Thames Street, E.C.

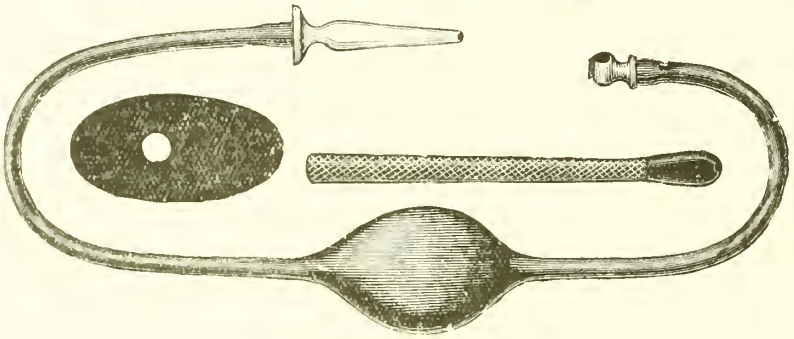
F. Newbery & Sons, Ltd., 27 Charterhouse Square.

Roberts & Co., 76 New Bond Street, W.

THE "SAFFRON" ENEMA.

GUARANTEED FOR 3 YEARS.

Does not get sticky in hot Weather.



Does not get hard in cold weather.

WARRANTED NOT TO SPLIT.

Price complete, **15/-** dozen.

Price complete, **15/-** dozen.

N.B.—5 per cent. discount allowed for prompt cash off above and all List prices.
Carriage paid on orders of £2 and upwards to any Town in the United Kingdom.

We are the right House for Anti-Rheumatic Rings, Belts, Catheters, Clinical Thermometers, Enemas, Elastic Hosiery, Hot Water Bottles, Injection Syringes, Pessaries, Sponge Bags, Trusses, Water Beds, Water and Air Cushions, Waterproof Sheeting, and every description of India Rubber Goods.

OUR GOODS ARE RIGHT AND PRICES LOW.

WRITE FOR NEW ILLUSTRATED PRICE LIST POST FREE.

BURGE, WARREN & RIDGLEY, LIM., 91 & 92 GT. SAFFRON HILL, LONDON, E.C.

Telephone Number: 3365 (3 lines), London Wall.

H. POTHS & CO.,

26 & 27 FARRINGDON STREET, LONDON, E.C.

SHOP BOTTLES AND JARS WITH VITRIFIED LABELS, SHOW BOTTLES,

Perfume, Screw-capped, and Medical Bottles of all kinds, Graduated Measures, Druggists' Sundries.

Illustrated Catalogues free.

GLASS BOTTLES

OF EVERY DESCRIPTION.

SHOP ROUNDS, DISPENSING FLATS. OVALS, ETC.

PHIALS; COUGH MIXTURE PANELS;

LARGE STOCKS.

POISONS; SCREW-CAPPED POMADES, OPAL POMADES; ESSENCES, LIMES, ETC., ETC.

PRICES ON APPLICATION.

E. YOULDON, Ltd.

ESTABD. 1840.

CARTER ST., MAPLIN ST., MILE END, E.

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PEAKE, ALLEN & CO.

CHEMISTS, DRUGGISTS,
AND
GENERAL MERCHANTS,
LUCKNOW, OUDH, INDIA,

Possess exceptional facilities for the introduction of NEW SPECIALITIES, Patent Medicines, Druggists' Sundries, Perfumery, &c.

DISPENSING BOTTLES & PHIALS.

I. ISAACS & CO., Glass Bottle Manufacturers,
106 Midland Road, St. Pancras, London, N.W.
Beg to call attention to their REDUCED PRICES.
We make the New Shape, Oval Fronted Bottles. No extra charge.

FIRST QUALITY.
3 & 4 6 & 8 12 16 ounce.
9/- 10/- 15/- 20/- per gross } Round edges, plain or graduated, quinine tinted

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3 & 4 6 & 8 12 16 ounce.
7/6 8/6 12/- 18/- per gross } Round edges, plain or graduated, clear blue tinted

PANEL BOTTLES (reduced prices).
2 3 4 6 8 ounce
7/6 8/- 8/- 9/- 10/- per gross.

WHITE PHIALS—GOOD QUALITY.
½ 1 1½ 2 ounce
3/6 4/- 4/6 5/6 per gross } Plain or teaspoons.

Six gross and upwards, assorted or otherwise, sent carriage paid to any address in the United Kingdom. Smaller quantities not carriage paid

Established 50 years. Bankers: London and Westminster Bank

Transfer of Business.

MESSRS.
WRIGHT TURNER & SON, Ltd.,
PENDLETON, MANCHESTER,
Have pleasure in informing their friends that they
HAVE DISPOSED OF THE ABSORBENT COTTON AND COTTON WOOL BRANCH OF THEIR BUSINESS TO
Messrs. W. G. TAYLOR,
Manufacturers of Absorbent Cotton, Lint, Taylor's "A1" Flax Lint, Cotton Wools, Taylor's Gauze Tissues, Calico, Flannel, Domette Bandages, Surgical Dressings, of New Charford Mills, Saltley, Birmingham, and Old Charford Mills, Bromsgrove.

In making this announcement, Messrs. Wright Turner & Son, Ltd., take the opportunity of thanking their friends for past favours, and trust they will continue the same measure of support to their successors.

On and after May 31st will customers kindly direct their orders to W. G. Taylor, New Charford Mills, Saltley, Birmingham.

W. G. TAYLOR, (a branch of Southall Bros. & Barclay, Ltd.)
BIRMINGHAM and BROMSGROVE.

BEFORE placing your orders,
send postcard for Samples and Prices of the following:—

Brushes:
Nail, Tooth, and Shaving
Capsules
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Combs
Douches
Elastic Hosiery
Enemas
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Tubing for Douches and Feeding Bottles
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Waterproof Sheeting

SOLE AGENTS for "Old Quaker City" Suspensory and "Mizpah" Specialties.

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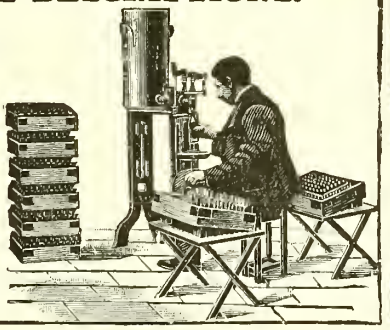
'PHONE NO.: 3980 CENTRAL

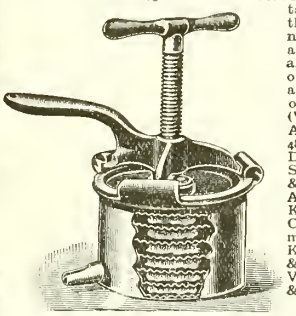
LIQUID FILLING MACHINES
OF ALL DESCRIPTIONS.
to suit every need.

ROBERTS' PATENT FILLING MACHINE CO.
33 DEANE RD. BOLTON.



The "Hercules" Patent Meat Juice Press

More economical and hygienic than others. Nearly the whole of the juice in raw meat—about 50%—can be obtained cold, *i.e.*, about double the quantity obtainable by any other press. Only half the quantity of meat, therefore, being necessary, the saving is very considerable. No pressing cloth being used and all parts in contact with the meat being of pure tin or nickel-plated, these Presses are unsurpassed from a hygienic point of view. To be obtained from all Chemists. (Wholesale: S. Maw, Son & Sons, Aldersgate St.; Allen & Hanburys, Ltd, 48 Wigmore St., W.; R. J. Reuter, 5-7 Denman St., London, W.; Barclay & Sons, Ltd. 95 Farringdon St.; and Arnold & Sons, W. Smithfield, London, E.C.) Also from Messrs. J. Barker & Co., Ltd., Kensington; Benetink & Co., Ltd., Cheapside; Farrow & Jackson, 8 Haymarket; Harrod's, Ltd., Brompton; G. Kent, 199-201, High Holborn; J. Shoolbred & Co. Tottenham Court Road; Wm. Whiteley, Ltd. Westbourne Grove; Army & Navy, and Civil Service Stores Spiers & Pond, &c.



Wholesale: **The Sole Agents of the "Hercules" Patent Meat Juice Press, 85 Queen Victoria Street, London, E.C.**

Corn Plasters

PILOT BRAND.

Our plasters are noted for quality and efficacy.

Supplied on seven different materials.

Standard sizes put up in neat envelopes with name and address.

OUR
Corn Strap Rings
No. 618. P.A.T.A.
The ideal & best selling Corn Remedy.

We can make up private formulæ and meet any special requirements.

Cut any size with overlapping muslin to suit customers' own envelopes, put up in wax paper bags.

Own matter printed on packings if desired.

P. BEIERSDORF & CO., 7/8 IDOL LANE, LONDON, E.C.

HOT WATER BOTTLES

WHITE RUBBER.

Inches.	Patent Safety Stoppers.	Ordinary Stoppers.
10×6	3/6 each	3/- each.
10×8	3/9 ,,	3/6 ,,
12×8	4/3 ,,	3/9 ,,
12×10	5/- ,,	4/4 ,,
13×9	5/- ,,	4/4 ,,
14×8	5/- ,,	4/4 ,,
14×10	5/3 ,,	4/9 ,,

LOTS OF HALF-DOZEN SUPPLIED BY WEIGHT.

Patent Stopper ... ... @ 4/6 lb.
Ordinary Stopper... ... ... @ 4/3 lb.

When this quantity is taken, repeat orders will be charged at same price.

RED RUBBER
Finest quality.

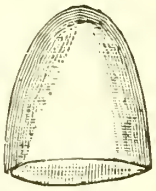
Inches.	
10×8	3/9 each.
12×8	4/3 ,,
12×10	5/- ,,
13×9	5/- ,,
14×10	5/3 ,,

Fully guaranteed.

BAIRD BROS., 97 Bath Street, GLASGOW.

RENDELL'S

SOLUBLE QUININE PESSARIES.



THE WORLD-WIDE REPUTATION that these Pessaries have obtained since their invention by W. J. Rendell in 1885 has induced unscrupulous persons to place upon the market worthless and injurious compounds, with colourable imitations of W. J. Rendell's labels. To distinguish the genuine Pessaries from these fraudulent concoctions, see that the Registered Trade Mark and Number, in ***RED INK***, are upon each box thus:

Registered Trade Mark, without which none are genuine. No. 182,688.

W. J. Rendell
No. 182,688

Registered also in Australia, India, The Cape, The Argentine, Germany, &c.

IMPORTANT NOTICE AND CAUTION.

Several injunctions in the High Court of Justice having already been obtained (reports of which have appeared in "THE CHEMIST AND DRUGGIST"), W. J. RENDELL'S SOLICITORS are instructed to take proceedings against all persons (Makers or Vendors) fraudulently using the name of "W. J. RENDELL," "RENDELL," or any colourable imitation thereof in connection with Pessaries NOT manufactured by

W. J. RENDELL,

INVENTOR AND SOLE MAKER,

15 CHADWELL STREET, CLERKENWELL, LONDON, E.C.

THE

RISE IN PRICE

of "Prana" Sparklet small Syphons is

NOW IN FORCE.

2/6

2/6

(Trade Price, 22/6 per doz. net.)

New Double-sized Syphon for use with 2 "B" Bulbs, 4/-

(Trade: 39/- doz. net.)

Aerators, Ltd. "Prana" Sparklet :: Works, :: Upper Edmonton, : London, :: N.

THE NATURAL MINERAL WATERS OF

VICHY

(STATE SPRINGS)

CÉLESTINS For Diseases of the Kidneys, Gravel, Gout, Rheumatism, Diabetes, &c.

GRANDE-GRILLE For Diseases of the Liver and Biliary Organs, &c.

HOPITAL For Stomach Complaints, Indigestion, &c.

VICHY-ÉTAT PASTILLES Two or three Pastilles after each meal facilitate digestion.

VICHY-ÉTAT COMPRIMES For instantaneously producing an effervescing alkaline water.

Price Lists, Show Cards, Dummy Bottles, Pamphlets, &c.

CAUTION.—Each Bottle from the STATE SPRINGS bears a neck lable with the word "VICHY-ÉTAT" and the name of the SOLE AGENTS:—

INGRAM & ROYLE, LTD., 26 UPPER THAMES STREET, E.C. And at LIVERPOOL and BRISTOL.

A. MILLAR & CO., LTD., DUBLIN

PURE ORANGE WINE

(VINUM AURANTII, B.P.), prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)

London Agent: T. W. CASHMAN, 16 Mark Lane, E.C. Telephone No.: 8067 LONDON WALL.

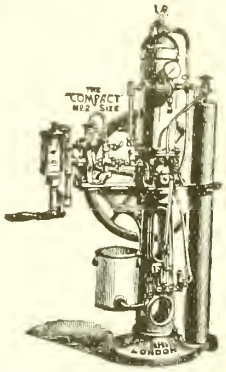
SODAWATER MACHINERY

THE "COMPACT" MACHINES
are specially designed for
CHEMISTS, GROCERS, RESTAURATEURS,
and everyone to whom space is an object, and can be used for filling Syphons, Codd's Bottles, or Cork Bottles.

OCCUPY LITTLE SPACE!
ARE READY FOR USE IMMEDIATELY!
REQUIRE NO FIXING!

Produce Soda Water, Lemonade, &c., of the highest class and greatest purity.

Write for Catalogue.

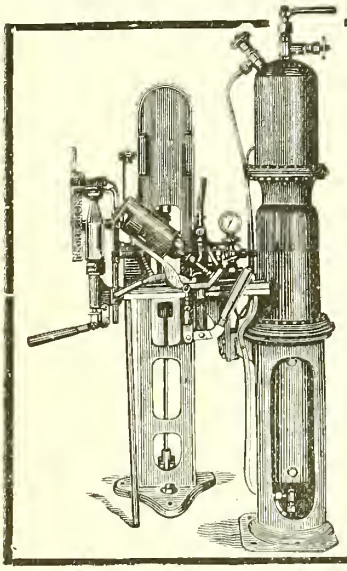


A COMPLETE APPARATUS—CAPABLE OF PRODUCING OVER 300 DOZEN LARGE BOTTLES OF AERATED WATER PER DAY —from £20.

Bottles, Boxes, Essences, and all Requisites for the Trade at Lowest Prices.

BARNETT & FOSTER, Niagara Works, 26T Eagle Wharf Road, N.

Proprietors of Galloway, Bros., Bolton.



AERATED WATERS

to ensure PURITY, should be manufactured by Chemists.

The best Machine for this purpose is the "**ALPINE**," the most perfect AUTOMATIC SATURATOR on the Market.

Every bottle or syphon before filling has three Aerations, giving splendid results.

Simple and easy to manage by one attendant. No pumping required, water being attached from main or cistern.

Sole Makers:

RICHD. ROBERTS & SONS,

34, 36 & 38 Seel Street, LIVERPOOL.

E. ERNEST JACKSON,

Crediton, Devon,

MANUFACTURER OF

MEDICINAL LOZENGES AND JUJUBES. - - -

COMPRESSED TABLETS, REFINED LICORICE,

FLOWER FLAVOURED CACHOUS, &c., &c.

Proprietary Lozenges prepared with the greatest accuracy.

Goods carefully packed for Export.

Sole Proprietor of "Réale" Brand of Pure Licorice.

LONDON DEPOT: 291 KINGSLAND ROAD, N.E. Registered Telegraphic Address: "Jackson Crediton.

Established 1855. **ROBINSON'S ORIGINAL** Excise Drawback on Export Orders.

CONCENTRATED WATERS.

STANDARDISED TO B.P. 1898.

When diluted in the proportion of one part to forty parts of water at 60° temperature, they faithfully represent the Medicated Waters of the British Pharmacopœia. They are always of uniform strength, and will keep good any length of time in any climate.

Aqua Amygd. Amar. Conc. (U.S.)	4/- per lb.	Aqua Cassiæ Conc.	4/- per lb.	Aqua Menth. Virid. Conc.	4/- per lb.
" Anethi, Concent.	4/- "	" Flor Aurant.	8/6 "	" Pimentæ "	4/- "
" Anisi "	4/- "	" " Sambuci Conc.	8/6 "	" Pulegii "	4/- "
" Camphoræ "	4/- "	" Fœniculi Conc.	4/- "	" Rosemarini "	4/- "
" Carui "	4/- "	" Menth. Pip. Conc.	4/- "	" Rosæ "	8/6 "
" Cinnam. Ver. Conc.	6/- "	" " Ang. Conc.	6/- "	" " Virgin "	10/6 "

The above may be had in ¼-lb., ½-lb., or 1-lb. Bottles and upwards, through most of the Wholesale Drug Houses.

Each Bottle has the Inventor's Protection Label over the cork, without which none are genuine.

SUPERIOR ORANGE WINE (Vin. Aurantii, B.P. 1898).

Samples of any of the above sent free on application from

S. ROBINSON & CO., LTD., Distillers and Brewers of British Wines. **CHURCH ST., PENDLETON, MANCHESTER.**

Telephone; 138 Pendleton.

The number of dentifrices is myriad, their names are legion,

But—

in principle and in efficiency there is but one,

CALOX

THE OXYGEN TOOTH POWDER.

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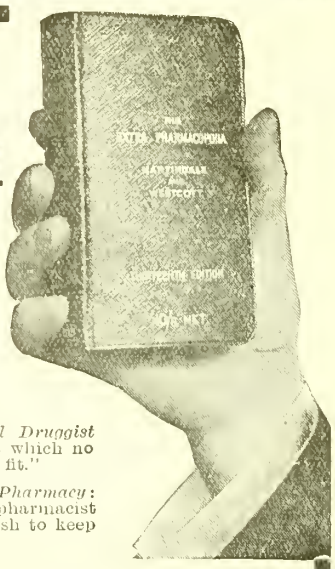

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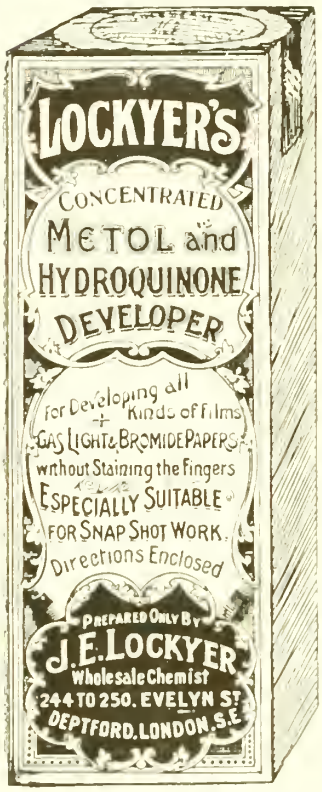

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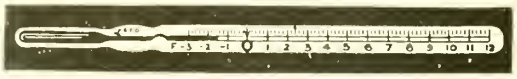

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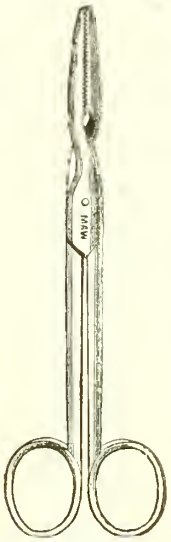

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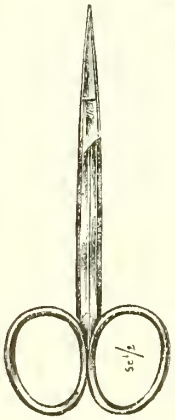

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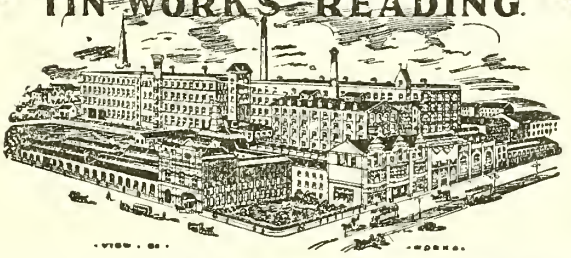

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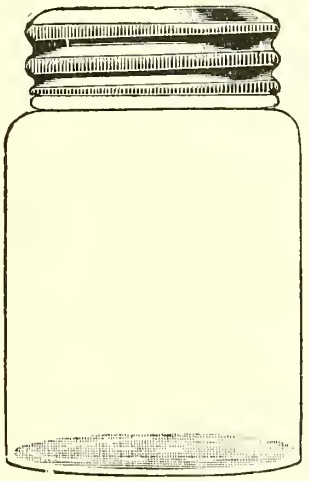

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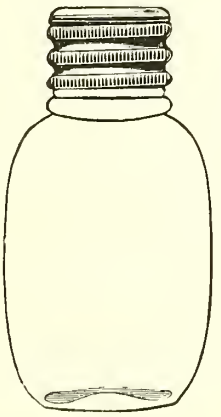

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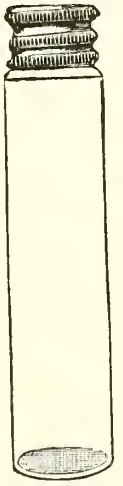

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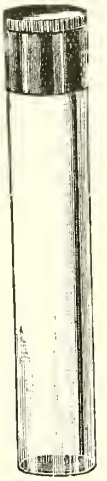
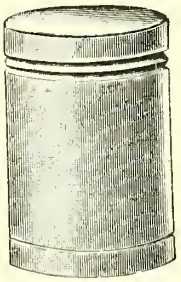


No. 22.

No. 18.

No. 19



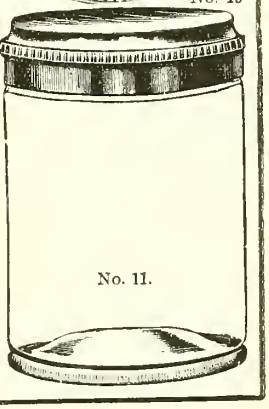
No. 1.

Nos.	19	26	24	22	18/19	11	1
	2 oz.	½ oz.	1 dr.	1 dr.	¾ oz.	2 oz.	1 oz.
	7/9	***7/9***	***6/-***	***4/9***	***17/6***	***14/-***	***10/9***

per gross.

Carriage paid, less 5 % for Cash or 2½ % 1 month.

ASK FOR SPECIAL LIST.



No. 11.

ALFRED COOK & CO.
ENFIELD, MIDDLESEX.

BE READY for the FLIES.

When the season for Fly-catchers approaches, customers will ask you for a really efficient Fly-catcher.

You cannot do better than push "The Rapid."

It sells as quickly as it catches flies.

The tape is enclosed in tin cases, and the glue is guaranteed real Japanese.

'RAPID' Fly Catchers

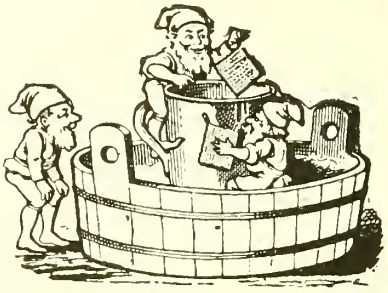
Never Dry. Always Ready.

The New Scrubber

INDISPENSABLE IN EVERY HOUSEHOLD.

Indispensable in Chemical Laboratories, and most useful for cleaning Hands, for scouring and polishing Glass, Metals, Woodware, Kitchen Utensils, Gas Stoves, Sinks, &c.

Fitted on Showcards for Counter or Window Display.



Retails at: Copper **4D.** Steel **3D.**

With a good profit to the dealer.

Further particulars on application to the Sole Importers:

H. LANGE'S SUCCESSORS,

21 Little Portland Street, LONDON, W.

ALSO FROM { W. B. FORDHAM & SONS, Ltd., 36-40 York Road, King's Cross, London, N.
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THE DOOMO AIRSHIP FLY BAND.

A wide band sticky on both sides unrolling like a window blind. Will catch ten times more flies than an ordinary tape. Being sticky on both sides, it has a catching surface equal to a fly-paper.

6s. 6d. gross post paid on receipt of P.O.

Jno. H. Smith & Co.,
Newark-on-Trent.

PROPRIETORS OF FLYODOOMO DOOMOTAPE, &c
TELEGRAMS: "SMITH, CHEMIST, NEWARK"

THE

"ACME WEED KILLERS"

Have now a large sale through CHEMISTS, and early application should be made for Illustrated Counter Bills and Show Cards.

POWDER WEED KILLER

Packed in small decorated tins.
Immediately soluble in cold water.

All tins Free. No return Empties.
Specially adapted for Export.

LIQUID WEED KILLER.

Strength: 1 gall. sufficient for 25 galls. of water.

AND DOUBLE STRENGTH.

"ACME" POWDER SHEEP DIP.

Approved by Board of Agriculture and Fisheries for Sheep Scab in Great Britain.

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AGENTS WANTED.

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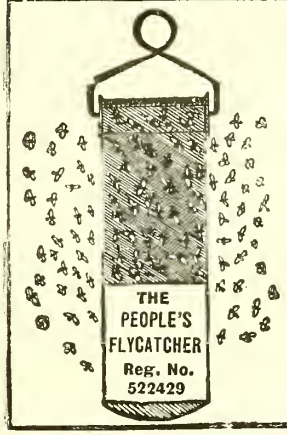
SOLE PROPRIETORS AND MANUFACTURERS:

THE ACME CHEMICAL COMPANY, LTD.,
TONBRIDGE, KENT,
AND RIVER STREET, BOLTON, LANCASHIRE.



NEW!
THE PEOPLE'S FLYCATCHER.

Started late last season, nevertheless became THE Selling Flycatcher.

NO DRYING UP.

Ask for sample and quotation from patentee:

C. FROWEIN, 43 BASINGHALL STREET, LONDON, E.C.

P.S.—It will pay you to see my sample before ordering elsewhere.

The 'VAMPIRE' and the 'FLYSAC.'

Send for samples. They carry our argument. Both annihilate flies, and both are hermetically sealed. With them there is no leakage, no risk, and no delay. The "VAMPIRE" sells on account of the novelty of its construction, the "FLYSAC" on account of its economy in use.

Prompt Deliveries. Big Profits. Quick Returns.

SOLE MAKERS:

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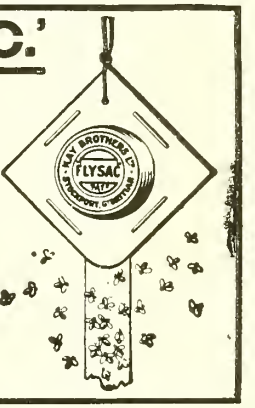
30 years' experience in the manufacture of Bird-limes and Flygums.



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FLY CEMETERY.

The **ORIGINAL** and by far the **BEST** Sticky Fly Paper in the market.

Gives a Profit of **140** per cent.

WE HAVE REDUCED THE PRICE TO 5/- PER GROSS NET CASH WITH ORDER AND CARRIAGE PAID.

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See pages 7 to 11.

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SEND THEM GOOD VALUE.

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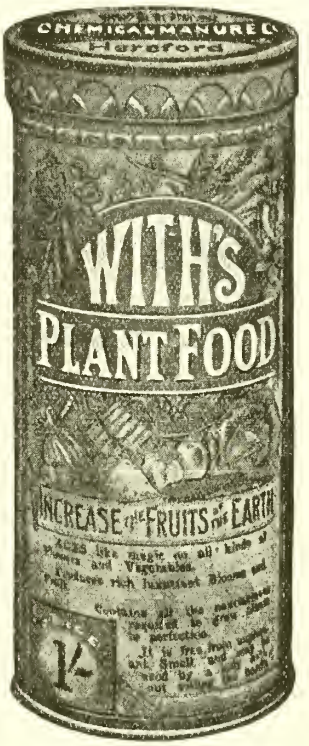

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